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MONTANA HIGHWAY DEPARTMENT

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FIELD ENGINEERING AND CONSTRUCTION

PROGRESS REPORT

ISSUED THE FIRST AND THIRD WEEK OF THE MONTH

AUGUST 21, 1978

BRITISH COLUMBIA
DOMINION OF CANADA
ALBERTA
SASKATCHEWAN
LINCOLN
FLATHEAD
LAKE
SANDERS
MINERAL
MISSOULA
GLACIER
TOOLE
LIBERTY
HILL
PONDERA
TETON
CHOUTEAU
BLAINE
PHILLIPS
VALLEY
DANIELS
SHERIDAN
ROOSEVELT
RICHLAND
McCONE
DAWSON
PRAIRIE
WIBAUX
FALLON
CUSTER
POWDER
RIVER
CARTER
BIG
HORN
CARBON
STILLWATER
SWEET
GRASS
PARK
BEAVERHEAD
MADISON
GALLATIN
BROADWATER
JEFFERSON
SILVER
BOW
DEER
LODGE
GRANITE
POWELL
CLARK
CASCADE
FERGUS
JUDITH
BASIN
PETROLEUM
GARFIELD
WHEATLAND
GOLDEN
VALLEY
MUSSELSHELL
ROSEBUD
YELLOWSTONE
TREASURE
CARBON
Billings
DIVISION HEADQUARTERS
DIVISION CONSTRUCTION SECTION BOUNDARY
Approved:
H.J. Anderson, Director
Department of Highways
LEGEND
MONTANA
DIVISION
CONSTRUCTION
SECTIONS

MONTANA DEPARTMENT OF HIGHWAYS

MISSOULA, MONTANA

AUGUST 18, 1978

Montana Department of Highways
Helena, Montana 59601

Progress Report

The following report is submitted covering construction and preconstruction operations in Area 1130 for the period ending August 18, 1978.

G E N E R A L

Skies have been mostly clear the past period. Progress has been good on the active projects.

P R E C O N S T R U C T I O N

F 6-1(5), Thompson Falls-East
Length 10 Miles, Preliminary Engineering
Work will be started when personnel are available.

Personnel Unassigned

F 7-1(9), Darby-North & South
Length 17 Miles
Work will be started when personnel are available.

Personnel Unassigned

FF 7-1(11), Florence-Lolo, Add 2 Lanes
Personnel on other projects.
No work on this design this past period.
Design remains 29% complete.

Jim Smith, Designer II
Missoula, Montana,
Phone 549-6491

F 197(8), Dixon-Ravalli
Length 8.5 Miles. Preliminary Engineering
Work will be started when personnel are available.

Personnel Unassigned

RS 269-1(01), State Route 269, Stevensville
Length 0.8 Miles
Personnel on other projects.
Minor work this past period on this design. Design remains 34% complete.

Jim Smith, Designer II
Missoula, Montana
Phone 549-6491

M 8199(3), Russell
and 39th Street Intersection
Personnel on other assignments.
Work this past period consisted of computing surfacing quantities and revising plan sheet. Plan sheet showing revised and corrected topog sent to Helena on 8-10-78. Design is 25% complete.

Jim Smith, Designer II
Missoula, Montana
Phone 549-6491

C O N S T R U C T I O N

I 90-1(80)0 U-2, Lookout Pass-Saltese
Median Rail Removal
Contract Let - February 23, 1978
Amount of Contract - $139,660.40
Work Proceed Date - April 21, 1978
Work Started - June 7, 1978

R. Redding Construction Co., Inc.
Spokane, Washington, Contractor
Bill Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 100 Working Days
Possible completion date - November 1978
Effective Opening Date - NA

The contractor has formed the decks and placed the reinforcing steel for the bridges @ Sta. 568, 557 and 535 and is removing to median curb & Deck @ Sta. 347. Reinforcing Steel Item is 10% complete; Revise Structure Item is 25% complete. The contract as a whole is 11% complete with 67% of the Contract Time elapsed.

I 90-1(78)11, Saltese-DeBorgia
Length - 10.8 Miles
PMS, PCCP, & Related Items
Contract Let - April 28, 1977
Amount of Contract - $6,244,632.55
Work Proceed Date - May 24, 1977
Work started - June 8, 1977

Peter Kiewit Son's Company
Billings, Montana, Contractor
Gary Eichert, Field Project Manager
St. Regis, Montana, Phone 649-2460
Contract Time - 240 Working Days
Probable completion date - October 1978
Effective Opening Date_____

Peter Kiewit has 30 men working 5-10 hour shifts per week on concrete paving operations which began on 8-8-78. Paving has been completed on W.B. Lane from Sta. 623+77 to 764+10.4 with 6100 feet remaining to complete the W.B. Lane. Washington Construction Company, sub-contractor, has 6 men working 5-8 hour shifts per week washing and stockpiling concrete aggregate at their St. Regis Pit. Rice Trucking, sub-contractor, working varied shifts per week hauling cement and concrete aggregate from St. Regis to batch plant at Riverside. Major Items are Plant Mix Bitum. Surf. is 80% complete and Portland Cement Pavement is 44% complete. Ten man engineering crew is working same shifts as contractor on testing and inspection of concrete paving operations. Contract as a whole is 54% complete with 51% of the Contract Time elapsed. Construction layout is 60% complete.

I 90-1(77)22, U-4, Drexel-East & West
Construction Dual 122.5 ft. Concrete
Girder Overpass (Drexel Interchange)
Contract Let - June 27, 1977
Work Proceed Date - July 18, 1977
Work Started - July 18, 1977
Amount of Contract 0 $403,433.16

C.O.P. Construction Company
Billings, Montana, Contractor
George Roat, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract time - 150 Working Days
Completion Date - July 19, 1978
Effective Opening Date_____

This project was completed July 19, 1978. Survey crew working on other projects.

I 90-1(77)22, U-5, Drexel-East & West
Two Concrete Girder Bridges
Contract Let - February 24, 1977
Amount of Contract - $1,102,551.98
Work Proceed Date - April 18, 1977
Work Started - April 29, 1977

McIntyre Construction Co. &
S. Birch, Inc.
Great Falls, Montana, Contractor
Bill Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 200 Working Days
Probable Completion Date-August 30, 1978
Effective Opening Date_____

The contractor has completed all work on this project on 7-31-78, within the allowable contract time but with no time left. The contractor has released a 15 man work force. No method of repair has been agreed upon for the curb span #4/252 or the deck sections over the piers/242. The project is 100% complete with 100% of the contract time elapsed. The construction layout is 100% complete with 3 engineers being engaged.

I 90-1(77)22, U-6, Drexel - East & West
Length - 1.207 Miles
Construction of End Bents & Composite Steel and Concrete Girder Bridges
Contract Let - May 26, 1977
Amount of Contract - $1,242,649.35
Work Proceed Date - June 24, 1977
Work Started - July 26, 1977

McIntyre Const. Co. & S. Birch, Inc.
Great Falls, Montana, Contractor
Larry Chezik, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 175 Working Days
Probable Completion Date - November 1978
Effective Opening Date_____

Progress has been fair this past period. This E.B. Deck Slab has been placed and W.B. Deck 169+72 is complete except for the last two sequence pours. Bolting and placing material near job is in progress at Sta. 183+57. Deb Wall Steel, the sub contractor, has spent approximately the last four weeks repairing equipment; IE. impact wrench and some difficulty is being encountered in bolting lateral bracing. The contractor has employed 15 to 20 men for the past 12 days. The status of Pay Items is as follows: Concrete A D - 86%; Concrete B D - 35%; Erect Structure Steel - 92.1%; and Reinforcing Steel - 40%. At the close of work 8-15-78, 134 days of the total 175 days have been used. The project as a whole is 65% complete, with 77% of the total contract time used.

I 90-1(77)22, U-7, Drexel - East & West
Length - 5.342 Miles
Grading, Agg. Surf. PMB & Sign
Contract Let - April 27, 1978
Amount of Contract - $7,478,434.20
Work Proceed Date - May 22, 1978
Work Started - May 22, 1978

Rehbein Contracting, Inc.
Plains, Montana, Contractor
James Cyr, Field Project Manager
St. Regis, Montana, Phone 649-2601
Contract Time - 300 Working Days
Probable Completion Date - October 1980
Effective Opening Date_____

The contractor has an average of 65 men employed working 2-10 hour shifts per day 5 days per week, bringing down cut slopes, installing pipe, and working on the channel change at Sta. 313+. McIntyre and Birch, Sub Contractors, are working on concrete retaining wall at Sta. 255+. Unclassified Exc. is approximately 19% complete, and Pipe installation is approximately 2% complete. 18 engineers are engaged on the construction layout.

I-IG 90-1(61)27, U-1, St. Regis-East & West
Length - 151 Ft. Prestressed Girder Bridge
376.03 Composite Steel and Concrete Girder Bridge over St. Regis River
Contract Let - March 31, 1977
Amount of Contract - $1,007,222.56
Work Proceed Date - April 26, 1977
Work Started - April 26, 1977

C.O.P. Construction Company
Billings, Montana, Contractor
George Roat, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 250 Working Days
Probable Completion Date - Nov. 15, 1978
Effective Opening Date_____

Work during the past weeks has consisted of grinding the Deck, setting expansion joints, spot painting structural steel on spans 2, 3 and 4, Placing the first field coat of primer on spans I, 2, 3 and 4, placing the final field coat of paint on spans I, 2, 3 and 4 and building bridge fills to top of sub-grade elevation. There are 3 engineers engaged on this project. The construction layout is 90% complete; the contract time elapsed is 85%; and the project as a whole is 90% complete.

I-IG 90-1(61)27, U-2, St. Regis - East & West
Length - 212.5 Ft. Prestressed Concrete
Girder Bridge over St. Regis River and
78.0 Ft. Dual Separation Street
Contract Let - June 22, 1978
Amount of Contract - $633,002.62
Work Started - July 19. 1978
Work Proceed Date - July 14, 1978

Sletten Construction Company
Great Falls, Montana, Contractor
Bill Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 160 Working Days
Probable Completion Date. November 1979
Effective Opening Date_____

The contractor is placing the approach embankment at Sta. 672 and has constructed the work bridge and is driving sheet Pile for Pier #2 Sta. 525. There are 3 engineers engaged in the project. 90% of the construction layout is complete; 0 % of the contract time has elapsed; and the complete contract is 03% complete.

I 90-1(59)35, U-1, St. Regis - East
Length - 3.6 Miles, GR-Agg. Surf.-PMB
Sign and Flasher Installation
Amount of Contract - $2,823,425.90
Work Proceed Date - April 18, 1977
Work Started - January 25, 1977

Washington Construction Company
Missoula, Montana, Contractor
James Williams, Field Project Manager
St. Regis, Montana, Phone 649-2471
Contract Time - 200 Working Days
Probable Completion Date - Oct. 1978
Effective Opening Date_____

The contractor has been hauling and placing gravel, doing finish work, removing slide in median Sta. 852+, installing culvert Sta. 852+ and planing plant mix W.B. Sta. 705+ to 830+. Progress has been good. The Unclassified Excav. is 98% complete. Contract Time elapsed is 70%; the Construction Layout is 80% complete; and the contract as a whole is 91% complete.

I 90-1(70)76, Alberton-East
I 90-2(51)78, U-1, Huson- West
Length-6.0 Miles
Grading, Agg. Surf. P.M. Surf. Fencing
Amount of Contract - $2,796,608.96
Work Proceed Date - April 17, 1978
Work Started - February 21, 1978

Hilde Construction Company
Great Falls, Montana, Contractor
Jerry Tahija, Field Project Manager
Alberton, Montana, Phone 722-4961
Contract Time - 180 Working Days
Probable Completion Date - May 1, 1979
Effective Opening Date_____

The contractor placed the 1st lift of Plant Mix Bituminous Surf. on Proj. West Bound Lane from Station 182+ to 217+ and placed pavement markings and is being used by traffic. He is excavating shot rock from Station 250+ and placing it in a special fill area right of Station 75+, also grading operations Station 130+ to 230+. The new B.N.R.R. track is in place and final adjustments are being made. The stockpiling of plant mix surfacing material has been completed, and enough 3 in. and 1½ in. and 3/4 in. surfacing has been stockpiled to complete the roadway from Station 306+ to 371+. Sletten Construction is removing forms and is doing minor clean up work. Unclass. Excav. is 95.9% complete; Unclass. Borrow is 92.8% complete. Construction layout is 70% complete; 47% of the Contract Time has elapsed; and the contract as a whole is 59% complete.

I 90-3(45)144 Safety Guardrail Upgrade
Bearmouth Canyon
Amount of Contract - $77,867.00
Work Proceed Date -

Western Sign Corporation
Great Falls, Montana, Contractor
Tom Oertli, Field Project Manager
Contract Time - 30 Working Days
Probable Completion Date - December 1978
Effective Opening Date- NA

We have not received any word on this Project other than it was awarded to Western Sign Corporation. Construction Layout is 100% complete.

FF 7-2(4)90, U-1, Missoula
Furnishing Signal Material for
Intersection of Brooks & Reserve St.
Amount of Contract - $27,064.09
Contract let - May 25, 1978

Skinner Enterprises
Helena, Montana, Contractor
Tom Oertli, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - October 31, 1978
Probable Completion Date - Oct. 31, 1978
Effective Opening Date - NA

We have not received any further word since the last report as to the Contractor's schedule. 65% of the Contract Time has elapsed.

F 93-1(1)0, U-1, Lolo Pass - Lolo
Length - 16.1 Miles
Overlay & Striping
Contract Let - July 28, 1977
Amount of Contract - $689,279.03
Work Started - September 12, 1977

Zook Brothers Construction Company
Great Falls, Montana, Contractor
Al Dutton, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time -60 Working Days
Completion Date - June 6, 1978
Effective Opening Date - NA

The final estimate is awaiting checking in the Division Office. It will be forwarded to Helena about September 8, 1978.

F 93-1(1)0, U-2, Lolo Pass - Lolo
Length - 16.5 Miles
Plant Mix Overlay & Striping
Contract Let - June 22, 1978
Amount of Contract - $2,046,525.80

Zook Brothers Construction Company
Great Falls, Montana, Contractor
Al Dutton, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 120 Working Days
Probable Completion Date - July 31, 1979
Effective Opening Date - NA

Work during the past two weeks has consisted of re-establishing center line on Unit 2 and locating R/W on South Hamilton project. Contractor started work on August 14, 1978 clearing and stripping of pit area. Time assessment has been stopped as of July 20 until reclamation plans are approved by State Agency. Approximately 80% of the centerline has been established on the Unit 2 project and locating areas of digouts is in progress. 6% of the construction layout is complete; there are 8 engineers on the project; and 3% of the contract time has elapsed.

RS-DP 224(14), U-2, Reserve Street
Length - 148 Ft. Concrete Girder Overpass
Over C.M. St. P.& P. Railroad Approaches
& Fencing.
Amount of Contract - $360,910.77
Contract Awarded - May 2, 1977
Contract Let - April 28, 1977
Work Proceed Date - May 23, 1977
Work Started - July 6, 1977

General Construction Company
Butte, Montana, Contractor
Chuck Hegman, Field Project Manager
Jack Silvey, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 105 Working Days
Probable Completion Date - October, 1978
Effective Opening Date _____

All work on this project, with the exception of the fertilization and seeding is 100% complete. Seeding will begin on October 16, 1978. 99% of the Construction layout is complete; 91% of the contract time has elapsed and the contract as a whole is 99% complete.

RS-DP224(14), U-3, Reserve Street
Length - 33.14 Ft. Prestressed Concrete Girder Bridge
Contract Let - October 27, 1977
Amount of Contract - $635,990.40
Work Proceed Date - April 17, 1978
Work Started - November 22, 1977

Sletten Construction Company
Great Falls, Montana, Contractor
Jack Silvey, Field Project Mgr.
Missoula, Montana, Phone 549-6491
Contract Time - 200 Working Days
Probable Completion Date-Aug. 1978
Effective Opening Date_____

Contractor is stripping deck forms, finishing concrete, and setting bridge rail. 28% of the contract time has elapsed and the contract is 93% complete.

RS-DP224(14), U-4, Reserve Street
Length - 1.3 Miles
Grade, Agg. Surf., CTB, Concrete Paving and Traffic Control
Contract Let - February 23, 1978
Amount of Contract - $1,569,222.20
Work Proceed Date - April 21, 1978
Work Started - April 24, 1978

Peter Kiewit Son's Company
Billings, Montana, Contractor
Chuck Hegman, Field Project Mgr.
Missoula, Montana, Phone 549-6491
Contract Time - 140 Working Days
Probable Completion Date-Nov. 1978
Effective Opening Date_____

The contractor has a total of 18 men employed on the project. Placing of embankment is continuing from Station 147+00 to the bridge end at Station 151+74.3 Embankment is about 92% complete; installation of the storm drain is about 78% complete; culvert excavation is about 90% complete; trench excavation is about 95% complete; installation of irrigation culverts is about 90% complete; fencing is about 80% complete; and removal of curbs, sidewalks and misc. items is 100% complete. The State has 7 men on the survey crew, 1 man on grade inspection, one man on density testing and 3 employees in the office. Construction layout is 48% complete; contract time elapsed is 54% complete; and the contract is 42% complete.

RS 343(12) Avon-Helmville
Length - 5.1 Miles G-Agg., Surf.-PMB Widen and Guardrail Revision
Contract Let - May 27, 1976
Amount of Contract - $1,168,747.12
Work Proceed Date - June 18, 1976
Work Started - July 7, 1976

Washington Construction Company
Missoula, Montana, Contractor
Jerry Tahija, Field Project Mgr.
Alberton, Montana, Phone 722-4961
Contract Time - 150 Working Days
Completion Date - July 27, 1977
Effective Opening Date_____

Final estimate returned to Project Manager, May 9, 1978 for correction.

M-RS 0005(53), Missoula County-Urban
Length- 37.9 Miles, Signing & Delineation
Amount of Contract - $58,986.70
Contract Let - October 29, 1976
Contract Time - 90 Working Days

Western Sign Corporation
Great Falls, Montana, Contractor
Julian Hughes, Field Project Mgr.
Missoula, Montana, Phone 549-6491
Project Completed - June 19, 1977

Final estimate submitted to Helena August 9, 1978.

RRP 4139(55)
Pavement Markings on various
R.R. Highway Crossings
Contract Let - May 25, 1978
Amount of Contract - $382,865.10

Pacemaker Industries, Inc.
Spokane, Washington, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Probable Completion Date - Sept. 1978
Effective Opening Date - NA

Contractor has been working around Missoula laying plastic and working on signing for area crossings. The contract is 23% complete in Missoula Division and construction layout is 50% complete.

PMS 4140(52), U-8 & U-11, Lake, Sanders & Missoula Counties
Pavement Markings at various intersections
Contract Let - February 23, 1978
Amount of Contract - $239,586.51
Work Proceed Date - April 21, 1978
Work Started - July 11, 1978

Swanston Equipment Company
Fargo, North Dakota, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 90 Working Days
Probable Completion Date - Sept. 1978
Effective Opening Date - NA

The contractor has gone to Kalispell Division and no work has been done since the last progress report. The contract as a whole is 19% complete on the various intersections around Missoula. Construction layout is 50% complete.

M 8103(2), U-1, Securement of Equipment
Contract Let - March 30, 1978
Amount of Contract - $23,198.00

Western Sign Corporation
Great Falls, Montana, Contractor
Tom Oertli, Field Project Manager
Contract Time - August 1, 1978
Probable Completion Date - August, 1978
Effective Opening Date_____

We have not received any further word from the contractor of his intention since receiving word that there would be a delay due to strike by suppliers. 100% of the contract time has elapsed and the contract is 5% complete.

M 8105(3), Missoula, Channelization & Signal Revision, W. Broadway & Russell Intersection
Contract Let - November 19, 1976
Amount of Contract - $125,400.50
Work Proceed Date - April 18, 1978
Work Started - February 23, 1977

Fred Standberg Construction Co., Inc.
Helena, Montana, Contractor
Tom Oertli, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 50 Working Days
Probable Completion Date - August 1978
Effective Opening Date_____

Project was completed August 14, 1978. The final estimate should be submitted in September. Contract time elapsed is 99% and the contract is 100% complete.

M 8107(4), North Orange Street, Missoula
Length - 0.8 Miles, Lighting & Overhead Monitor.
Contract Let - August 25, 1976
Amount of Contract - $85,663.22
Work Proceed Date - September 20, 1976
Work Started - March 11, 1977
Work Suspended - April 25, 1978

Midland Electric Company
Billings, Montana, Contractor
Tom Oertli, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 60 Working Days
Completion Date - July 25, 1978
Effective Opening Date - NA

This Project is complete, except the OverHeight System does not work right. This is because of faulty electric controls.

M 8113(1), South Higgins Avenue
Changeable Message Signs
Project Let - February 23, 1978
Amount of Contract - $9,510.00
Work Started - July 25, 1978

Western Sign Corporation
Great Falls, Montana, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 45 Working Days
Completion Date - July 27, 1978
Effective Opening Date - NA

Final estimate submitted to Helena August 17, 1978.

M 8199(6), U-1, CBD Signal Update
Replacing Signal Controllers
Project Let - February 23, 1978
Amount of Contract - $32,341.00

Allen Electric Company
Helena, Montana, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 15 Working Days
Probable Completion Date - October 1978
Effective Opening Date- NA

Contractor is waiting for materials needed for the Traffic Controller Cabinets, which should be delivered in September. No work has been done on the construction layout.

SMP AR 1120-8853-1200, Van Buren Inter change Str.
Project Let - February 23, 1978
Amount of Contract - $27,203.00
Work Proceed Date - April 21, 1978
Work Started - May 30, 1978

Frontier Construction Company
Missoula, Montana, Contractor
Jack Silvey, Field Project Manager
Missoula, Montana, Phone 549-6491
Completion Date - July 20, 1978
Effective Opening Date_____

The project was completed on July 20, 1978. Final inspection and acceptance was made on August 18, 1978.

SMP 2499-78, Maintenance Stockpiles
Award Date - March 31, 1978
Amount of Contract - $149,240.00
4 crusher setups in Missoula, Mineral, Lake and Sanders Counties
Work Proceed Order - April 21, 1978
Work Started - June 28, 1978

Washington Construction Company
Missoula, Montana, Contractor
Dwight Lohn, Lab. Supervisor
Missoula, Montana, Phone 549-6491
Contract Time - 65 Working Days
Completion Date - August 14, 1978
Effective Opening Date-NA

Progress has been good with 10,000 Tons of ½" Gr. 4A crushed and stockpiled at the Wye, completing the crushing from Pit No. 3210-54 near Frenchtown, and completing the project on August 14, 1978. Nine men were released. Two state employees working on this project, have been assigned to other projects. The contract is 100% complete, within the allowable contract time.

Willard C. Nicholson

FOR BEN C. MILLER, SUPERVISOR
DIVISION CONSTRUCTION SECTION

BCM: WN: cdj

DEPARTMENT OF HIGHWAYS

KALISPELL, MONTANA

AUGUST 18, 1978

Department of Highways
Helena, Montana 59601

Progress Report

Gentlemen:

The following is a report on pre-construction and construction activities in area 1230 for the period ending August 18, 1978.

G E N E R A L

Progress has been mostly fair. Weather was mostly cloudy with very heavy precipitation. Unseasonably cool and wet. Day time temperatures ranged from +65° to +75°, with night temperatures from +46° to +56°. Highways are in good driving condition.

P R E - C O N S T R U C T I O N

HHS-1-1(02) Libby-Kalispell
Length - 2.8 Miles
Design Started - April 5, 1977

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

Authorization was received to make a location survey of and design the section of roadway between the two alignments of Lion Springs and Elk Hill. Survey work will begin when personnel are available, possibly in the fall after the construction season. Forty-eight man days have been used to date on design, which is approximately 7% complete.

HHS-1-2(4) 109 Kila-West
Fencing High Hazard Area
Length - 2.4 Miles
Survey Authorized - November 1, 1977
Work Not Started

Personnel Unassigned

This survey will be performed when personnel are available.

F-38-1(03) Columbia Falls East & West
S-486-(1) Nucleus Avenue
Length - 5.4 Miles
Design Started - Jan. 14, 1975

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - November 30, 1978

F-38-1(03)

Final design will be completed after the strom drain design is received from the Hydraulics Unit. The City of Columbia Falls has gone on record as favoring participation in the cost of a larger system to accomodate future city storm drain runoff. 354 man days have been used to date on design, which is approximately 70% complete.

S-486-1(1)

Design will be completed after the storm drain plans are received from the Hydraulics Unit. 85 man days have been used to date on design, which is approximately 70% complete.

F-1-2(3) 148 & LSF-1-257(5)
Coram-West Glacier Section
Length - 4.8 Miles
Scheduled for Nov. 1978 Letting

Gene Piedalue, Field Project Manager
West Glacier, Montana 59936
Phone: 888-5502

A 3 to 4 member survey crew spent 5 days setting right of way and running centerline. Centerline referencing and right of way is approximately 55% complete.

Utilities

Montana Power - No work the past period. Relocation remains 60% complete.
Northwestern Telephone Systems, Inc. - 100% complete.
Mountain States Telephone - Relocation 100% complete.
Flathead Electric Co-op - No work the past period. Relocation remains 90% complete.
Burlington Northern Railroad - Signal division finished their work on July 27, 1978. Communication division finished cleanup on July 20, 1978. All Burlington Northern relocation is complete with exception of having to come back this fall and retranspose the line for 5 miles each side of the project. Probable completion date for Burlington Northern is October 30, 1978.

F-1-2(3)142 & LSF-1-257(5)
Hungry Horse-Coram Section
Length - 6.0 Miles
Scheduled for March 1979 Letting

Gene Piedalue, Field Project Manager
West Glacier, Montana 59936
Phone: 888-5502

No work on this project the past week due to personnel on other projects.

F-5-4(1) Stryker-Roosville
Length - 7.8 Miles
Design Started - May 6, 1977

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

Three man days were worked the past period on revising several line projections on the PTW alignment. 150 man days have been used to date on design, which is approximately 18% complete.

RS-451(1) West Reserve Drive
Length - 6.5 Miles
Design Started - June 22, 1974

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

There has been no work on design this reporting period. Work will resume after design personnel have completed other assigned projects. The County Commissioners have indicated that they are going to review secondary priorities for Flathead County, which may alter the status of this project. 82 man days have been used to date on design, which is approximately 12% complete.

F-5-2(03) Flathead County Line - South
Length - 7.5 Miles
Survey Authorized - July 5, 1977
Work Started - Sept. 19, 1977

Ray Munsinger, Field Project Manager
Kims Trailer Court, Rollins MT 59931
No Phone:
Survey Suspended - April 14, 1978

Work suspended until next fall. Survey is approximately 70% complete.

F-5-2(05) Elmo-Rollins
Length - 5.5 Miles
Survey Authorized - July 6, 1977
Ground Control Survey Started - Aug. 29, 1977

Ray Munsinger, Field Project Manager
Kims Trailer Court, Rollins, MT 59931
No Phone
Est. Comp. Date - Pending

A 5 person survey crew resumed work July 31 and has spent 10 days this past period establishing centerline.

FH-1-2(1) Troy-Libby
Length - 17.1 Miles
Survey Authorized - May 25, 1977
Location Survey Started - Sept. 2, 1977

Jack Adamson, Field Project Manager
Troy, Montana 59935
Phone: 295-4741
Est. Comp. Date - April 1979

No progress the past period due to survey crew on other work. A total of 907 man days have been used making the location survey approximately 26% complete.

F-1-2(8)81 Inters. U.S. 2 & FAS-556 — Personnel Unassigned
Shoulder Erosion Correction
Length - 1.4 Miles
Scheduled for October 26, 1978 Letting

Final plans and proposed Special Provisions were submitted to Helena on July 20, 1978. Staking authorization was received, dated August 9, 1978. Personnel will be assigned when available.

F-56-1(1) West Glacier Overlay
Length - 0.2 Miles
Design Not Started

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - October 1, 1978

Design will consist of plant mix overlay quantities and new concrete curb & gutter and sidewalk.

RS-212-1(1) Charlo North & South Overlay
Length - 12.6 Miles
Design Started - August 9, 1978

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - January 1, 1979

Two design personnel are presently working on plan sheets and typical sections. Field work is underway on the investigation of soil conditions at possible dig-out areas. Cross sections will be required, through the town of Charlo, to establish drainage conditions.

M6701(1) Meridian Road — Personnel Unassigned
Between U.S. 2 and U.S. 93
Length - 1.2 Miles
Survey Authorized - February 21, 1975

Work not started due to all personnel assigned to other projects.

C O N S T R U C T I O N

F000 B (1) Erosion Control
Kalispell Division
Contract Let - February 23, 1978
Contract Awarded - March 31, 1978
Contract Amount - $31,237.90
Proceed Order - April 5, 1978
Work Started - April 17, 1978

Lemm Landscaping
Lolo, Montana
Gene Piedalue, Field Project Manager
West Glacier, Montana 59936
Phone: 888-5502
Contract Time - 25 Working Days
Project Completed - May 4, 1978
Effective Opening Date - N/A

No work was accomplished on the final due to all personnel on other assignments. It should be submitted to the division office by October 1978.

HHS 000S (62) U.S.93
No Passing Pennants
Length - 273 Miles(Incl. Msla & Kal. Div.)
Contract Let - July 27, 1978
Contract Awarded - August 7, 1978
Contract Amount - $42,297.60
Proceed Order - August 28, 1978 (S.P. 7B)

Western Sign Corp.
Great Falls, Montana 59403
Ray Munsinger, Field Project Manager
Kims Trailer Court, Rollins, MT 59931
No Phone
Contract Time - 30 Working Days
Prob. Comp. Date - Pending

A three member crew spent 4 days the past period completing construction staking. The preconstruction conference is scheduled for August 22, at which time a material list will be furnished.

HHS-1-2(1)121 Kalispell East-Street
Lighting & Signal
Length - 1.5 Miles
Contract Let - May 26, 1977
Contract Awarded - May 31, 1977
Contract Amount - $179,990.10
Proceed Order - June 21, 1977
Work Started - August 22, 1977

Harp Line Const. Company
Kalispell, Montana 59901
Gerald Roat, Field Project Manager
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 120 Working Days
Project Completed - July 20, 1978
Effective Opening Date - N/A

The project was completed and accepted on July 20, 1978 with 78% of the contract time elapsed. The final will be delayed somewhat as personnel are working on other construction projects.

HHS-5-2(1)91 Rollins North (Safety)
Guard Rail & Flashers
Length - 1,000 Feet
Contract Let - July 27, 1978
Contract Awarded - August 7, 1978
Contract Amount - $58,343.00
Proceed Order - August 28, 1978

Sandon Construction Company
Kalispell, Montana 59901
Ray Munsinger, Field Project Manager
Kims Trailer Court, Rollins, MT 59931
No Phone
Contract Time - 20 Working Days
Prob. Comp. Date - Pending

No further layout performed the past period, which remains 75% complete. The preconstruction conference is scheduled for August 22, 1978.

F-41-1(2)0 Avon to Mont. 200 &
F-83-1(1)0 Clearwater Jct.-Bigfork Signing
Length - 123.6 Miles
Contract Let - June 23, 1978
Contract Awarded - June 23, 1978
Contract Amount - $55,805.88
Work Not Started

Northern Rockies Const. Co.
Great Falls, Montana 59401
Ray Munsinger, Field Project Manager
Kims Trailer Court, Rollins, MT 59931
No Phone
Contract Time - 60 Working Days
Prob. Comp. Date - Oct. 15, 1978
Effective Opening Date - N/A

No field work performed the past period. The contractor for the project estimated that he would not be able to start until about mid September, being unable to get materials. Layout is 99% complete. The project is 0% complete with 23% of contract time elapsed.

ERFO 72(2) U2; 3 Miles E. of West Glacier
Flood Damage Repair
Length - 0 Miles
Contract Let - February 23, 1978
Contract Awarded - March 31, 1978
Contract Amount - $110,830.00
Proceed Order - April 21, 1978
Work Started - April 18, 1978

Clark Brothers Contractors
Victor, Montana 59875
Gene Piedalue, Field Project Manager
West Glacier, Montana 59936
Phone: 888-5502
Contract Time - 50 Working Days
Project Completed - June 15, 1978
Effective Opening Date - N/A

Project was completed on June 15. Various checking of notes remains. The final submittal to the division will be delayed until late September due to other assignments.

F-83-2(1) Swan Lake North &
South Overlay
Length - 12.6 Miles
Contract Let - February 23, 1978
Contract Awarded - March 31, 1978
Contract Amount - $1,014,086.40
Proceed Order - April 21, 1978
Work Started - June 9, 1978

Baltrusch Const., Inc. & Affiliates
Havre, Montana 59501
Ray Munsinger, Field Project Manager
Kims Trailer Court, Rollins, MT 59931
No Phone
Contract Time - 90 Working Days
Prob. Comp. Date - Pending
Effective Opening Date - N/A

No activity on the project the past period. Personnel presently assigned to other projects. Construction layout is 82% complete. Project is 6% complete with 58% of contract time elapsed.

S-508-1(4)11
NW Troy-Yaak River-Rexford
Grade, Gravel, Surface, Road Mix Bit. Surf.
Length - 1.1 Miles
Contract Let - February 23, 1978
Contract Awarded - March 31, 1978
Contract Amount - $239,586.51
Proceed Order - April 21, 1978
Work Started - May 2, 1978

Clark Brothers Contractors
Victor, Montana 59875
Jack Adamson, Field Project Manager
Troy, Montana 59935
Phone: 295-4741
Contract Time - 90 Working Days
Prob. Comp. Date - Sept. 8, 1978
Effective Opening Date - Pending

Progress has been fair. Uncl. Exc. and drainage culverts are now 100% complete, 1½" crushed base has been placed on the roadway and is 98% complete. 3/4" crushed top surfacing has been hauled to the roadway and will be primed when weather permits. Top soil has also been placed on the back slopes making this item 95% complete. The project as a whole is approximately 85% complete, with 80% of the contract time elapsed. Construction layout is 90% complete with seven engineering personnel assigned to the project.

RRP 4139(55) Statewide Federal
Aid Routes R.R. Crossing
Length - N/A
Contract Let - May 31, 1978
Contract Awarded - May 31, 1978
Contract Amount - $382,865.10
Proceed Order - June 21, 1978
Work Not Started in Kalispell Division

Pacemaker Industries, Inc.
Spokane, Washington 99211
Gene Piedalue, Field Project Manager
West Glacier, Montana 59936
Phone: 888-5502
Contract Time - 90 Working Days
Prob. Comp. Date - Pending
Effective Opening Date - N/A

RRP 4139(55) (Cont'd)

No work on this project in the Kalispell division during the period. Construction layout is approximately 90% complete and awaiting word from the contractor as to when he will begin work in the Kalispell division.

PMS 4140(52) Unit 8 Kalispell Division
Plastic Pavement Markings
Length - 0 Miles
Contract Let - February 23,1978
Contract Awarded - March 31, 1978
Contract Amount - $239,586.51
Proceed Order - April 21, 1978
Work Started - August 2, 1978 (Unit 8)

Swanston Equipment Company
Fargo, North Dakota
Gene Piedalue, Field Project Manager
West Glacier, Montana 59936
Phone: 888-5502
Contract Time - 90 Working Days
Prob. Comp. Date - Sept. 1, 1978
Effective Opening Date - N/A

Progress has been fair. Contractor is employing 3 to 8 men working 5 - 10 to 12 hour shifts per week. Rain has delayed progress the past week. Unit 8 portion of this project is approximately 60% complete with 39% time elapsed involving Unit 8, and 11 in Missoula division . Construction layout is approximately 95% complete in the Kalispell division with from 2 to 4 State inspectors engaged as required.

M6711(1) Unit 1 Evergreen School
Bouncing Ball Flashers
Length - N/A
Contract Let - July 27, 1978
Contract Awarded - August 7, 1978
Contract Amount - $11,896.50
Proceed Order - August 28, 1978

Harp Line Construction Co.
Kalispell, Montana 59901
Gerald Roat, Field Project Manager
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 15 Working Days
Prob. Comp. Date - Pending

No field work has been performed. The preconstruction conference is scheduled for August 22, 1978.

M6718(1) 11th St. & South Main
Signalization
Length - N/A
Contract Let - March 31,1978
Contract Awarded - March 31,1978
Contract Amount - $22,084.25
Proceed Order - April 21, 1978(See S.P. 1 B)
Work Started - July 6, 1978

Harp Line Const. Co.
Kalispell, Montana 59901
Gerald Roat, Field Project Manager
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 45 Working Days
Prob. Comp. Date - Pending
Effective Opening Date - N/A

There has been no work on the project the past period as the contractor is awaiting arrival of materials. The project remains at approximately 20% complete with 13% of the contract time elapsed.

M6730(1) & RS-404(8) Kalispell South-Loop
Grade, Agg. Surf. Pl. Mix Base, Pl. Mix Surf. & Water Line and Signing
Length - 3.7 Miles
Contract Let - Sept. 30, 1976
Contract Awarded - Oct. 7, 1976
Contract Amount - $1,739,309.92
Proceed Order - Oct. 28, 1976
Work Started - Nov. 9, 1976

Clark Brothers Contractors
Victor, Montana 59875
Gerald Roat, Field Project Manager
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 130 Working Days
Project Completed - August 11, 1978
Effective Opening Date - Sept. 19, 1977

Progress was fair the past two weeks. The sub-contractor, Mark Rite Lines, completed the permanent striping on August 11, 1978, making the project 100% complete with 2 contract days remaining. The Certificate of Completion will be issued in the near future. Three engineers and inspectors have been assigned to the project as needed.

M6714(3) Center St. & lst Ave. E. Kal.
Length - 0.9 Miles
Contract Let - August 11, 1977
Contract Awarded - August 24, 1977
Contract Amount - $939,975.18
Proceed Order - Sept. 13, 1977
Work Started - April 4, 1978

Pack & Company, Inc.
Kalispell, Montana 59901
Gerald Roat, Field Project Manager
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 120 Working Days
Prob. Comp. Date - Nov. 1, 1978
Effective Opening Date - N/A

Progress has been fair to poor the past two weeks. Curb & gutter, styrofoam, sand and sidewalk concrete was completed from 4+70 to 8+00± left and right, making these items complete. The sub-contractor, Western Sign, worked 10-8 hour shifts with 3-5 men employed. Work consisted of pouring light pole bases on lst Avenue East, pulling conductor and connectors to the signals on lst Avenue West. The project as a whole is about 45% complete with 60% of the contract time elapsed. Construction layout is approximately 50% complete with 3-9 engineers and inspectors assigned to the project as needed.

OS 24(1) Lake County
4 Off System Bridges
Contract Let - Sept. 29, 1977
Contract Awarded - Oct. 28, 1977
Contract Amount - $236,500.00
Wrok Started - Oct. 31, 1977

Redding Const. Co.
Spokane, Washington
Gerald Roat, Field Project Manager
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - N/A
Prob. Comp. Date - Aug. 15, 1978
Effective Opening Date - June 15, 1978

There has been no progress this past period. A meeting was held with a representative of Redding Construction Company and Lake County Commissioners on July 21, 1978. An agreement was reached on contract requirements and work was to commence the following week but failed to do so. To date Redding Construction Company has made no attempt to complete the project. The project remains approximately 88% complete. One inspector is assigned to the project, when required.

Howard A. Stockwell
for Thomas J. Barnard, P.E. Suvp. Div. Const. Sec.

TJB:HAS:mjb

Department of Highways

Butte, Montana

August 17, 1978

Department of Highways
Helena, Montana

Progress Report
Division 2130

Gentlemen:

The following report covers construction and preconstruction operations in Division 2130 for the period ending August 15, 1978. The weather has been warm with some rain showers and temperatures ranging from +40° to +89°.

P R E C O N S T R U C T I O N

I 000B(2) U6
Divide N&S
Erosion Control
Design
13.852 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
October 1, 1978

Design work for the period consisted of a field inspection of the damaged drainage facilities and computation of quantities needed to repair the washed-out areas. A three man crew expended 9 man days for a total of 11 man days used to date. Preparation of the plans, summaries and details is 20% complete. Computing embankment & excavation, Pl. Mix. Concrete, Rip Rap and Seeding Quantities is 38% complete. Other incidentals are 1% complete. The project as a whole is 18% complete.

RF 8-1(4)34
Avon - Elliston
Location Survey
12.136 Miles
Powell County

Gerald Ditto, Field
Project Manager
Helena, Montana
Estimated Completion Date:
Unknown

Survey has been suspended, temporarily, due to construction project. There has been a total of 511½ man days expended to date. Line & Levels run are 100% complete. Cross sections taken are 39% complete and topography is 40% complete. Project as a whole is 42% complete.

F 8-2(11)41
Euclid Avenue Storm Drain
Design
Lewis & Clark County

S&A Engineers
Helena, Montana
Probable Completion Date:
May 25, 1979

Started Field Survey on detention basing open channels. Project as a whole is 0.4% complete.

F 8-4(1)77 Unit II
Townsend - Toston
Safety Improvement
10.2 Miles
Broadwater County

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
January 2, 1979

Design work consisted of making P.I.H. changes & inking the summaries and linens. A three man crew expended 4 man days for a total of 94 man days used to date. Locating and designing guard rail is 100% complete. Locating and designing new approaches is 100% complete, preparing plan and summary sheets is complete, and computing embankment surfacing, seeding and incidentals are 100% complete. P.I.H. changes are 8% complete. Design work on the project as a whole is 65.5% complete.

I 15-3(13)157
Basin Boulder
5.49 Miles
Jefferson County

Morrison-Maierle, Inc.
Helena, Montana
Consulting Engineers
Probable Completion Date:
August 31, 1978

Project complete except for the bridge design and revising the railroad crossing abutments. Final construction plans & cross sections, Special Prov. and cost estimated submitted April 14, 1978. Mapping notes and backup material submitted April 18, 1978.

S 34(4) Section 2
Jackson - North
Design
7.566 Miles
Beaverhead County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
Unknown

The design of this project has been temporarily suspended to complete the design work on other projects. Plotting the mylar and profile, plotting and inking the cross sections, tracing the plan and profile linens and laying and computing the grades are all 100% complete. The design remains 22% complete with 164 man days used to date.

DP 280-1(1)
York Bridge & Approaches
Location Survey
0.9 Miles
Lewis & Clark County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Work on this survey will commence when a crew becomes available.

RS 284-2(1)11
Canyon Ferry Dam S.E.
Location Survey
Broadwater and Lewis & Clark Counties
6.0 Miles

S&A Engineers
Helena, Montana
Probable Completion Date:
Undetermined

Reviewed existing data and searched records for land ownerships. Project as a whole is 0.7% complete.

M 0299(4)
Anaconda Urban Street
Location Survey
1.0 Miles
Deer Lodge County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Work on this project will commence when a crew becomes available.

RS 393-1(2)
Basin Creek Road
Design
2.85 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
January 1, 1979

There was no work on the Project during this period. Design work has been temporarily suspended to complete work on other projects. It is estimated that work will resume by September 1, 1978. There have been 121 man days used to date. Preparing plan sheets, reducing notes and plotting and inking cross sections are 68% complete. Laying and computing grades, templating cross sections, computing areas and volumes and balancing the project are 48% complete. Designing drainage and irrigation structures, road approaches and incidentals are 8% complete, drafting of summaries and title sheet are 40% complete. Design work on the projecting centerline to reduce the number of conflicts with the Butte Water Company water main is 5% complete. Design work on the project as a whole is 26% complete.

RS 441-1(1)0
Gregson Road
Design
Silver Bow County
2.969 Miles

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
January 4, 1979

Design work for the past period included preparing a plan & profile sheet cross sections, notes and other data pertinent to the Anaconda Company waterline crossing. This information has been sent to the Hydraulics Unit in Helena. Other work consisted of checking templates on the cross sections in the area of the grade change and checking road approaches that were plotted on the cross section. A three man crew expended 4 man days for a total of 33 3 man days used to date. Preparing plan sheets, reducing notes, and plotting and inking the cross sections are 92% complete. Laying and computing grades, templating cross sections, computing areas and volumes and balancing the project are 95% complete. Design of

PRECONSTRUCTION

RS 441-1(1)0 Cont'd.
drainage and irrigation structures road approaches and incidentals are 73% complete and making Plan-In-Hand changes are 10% complete. Design of the project as a whole is 66% complete.

M 1810(1)
Grand Ave. - Butte
Design
1.37 Miles
Silver Bow County

S&A Engineers
Helena, Montana
Probable Completion Date:
November 30, 1978

Set preliminary vertical alignment. Held combined highway corridor and design Public Hearing June 14, 1978. Project as a whole is 9% complete.

M 5807(1)
M 5807(2)
M 5815(1)
Last Chance G/Neill to Lyndale Ave.
Last Chance G/Lyndale to Montana Ave.
Cruse Ave./16th Ave. Lawrence
Location and Design
1.8 Miles
Lewis & Clark County

City of Helena
Helena, Montana
Probable Completion Date:
December, 1979

Field survey in progress.

CONSTRUCTION

FF 8-1(1)0
Garrison East
Grading, Agg. Surf., Pl. Mix
Bit. Base Surf., Pl. Mix Bit.
Surf., Lighting and Signing
3.9 Miles
Powell County
Contract Let: Sept. 29, 1977
Bid Price: $1,683,507.23
Work Started: Nov. 14, 1977

Zook Brothers Const. Co.
Great Falls, Montana
Joseph Bettle, Manager
Field Project
Garrison, Mt. Tel. 846-3133
Contract Time: 130 Working Days
Probable Completion Date:
September 8, 1978

Work the past period consisted of installing guard rail. The contractor employed 6 men for 2-8 hour shifts. Project as a whole is 99% complete with 57% of the contract time elapsed. Construction layout as a whole is 100% complete with 6 Engineers and 2 Inspectors engaged.

F FF 8-2(5)46 Unit 2
East Helena East & West
Grading, Agg. Surf., Cem.
Treated Base, Lighting and a
dual Prestressed conc. girder bridge
7.0 Miles

Zook Brothers Const. Co.
Great FAlls, Montana
Robert T. Wilson, Manager
Field Project (Road)
East Helena, Mt. Tel. 227-6924

F FF 8-2(5)46 Unit 2 Cont'd.
Lewis & Clark County
Contract Let: August 11, 1977
Bid Price: $4,596,878.30
Work Started: Sept. 28, 1977

Albert Reather, Manager
Field Project (Bridge)
East Helena, Mt. Tel. 227-5392
Contract Time: 200 Working Days
Probable Completion Date:
May 15, 1979

Road
Work the past period consisted of laying gravel and conducting grading operations. The contractor employed 77 men for 11-8 hour shifts. Project as a whole is 58% complete with 50% of the contract time elapsed. Construction layout as a whole is 80% complete with 17 Engineers and 7 Inspectors engaged.
Bridge
Work on the bridge portion is complete.

F 8-2(10)42
Traffic Control Devices, Intersection
Henderson St. & Euclid Ave.-Helena
0.00 Miles
Lewis & Clark County
Contract Let: October 27, 1977
Bid Price: $32,673.00
Work Not Started

S&S Construction
Helena, Mt.
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 30 Working Days
Probable Completion Date:
September 22, 1978

Preconstruction Conference has not been held.

RRS 8-2(16)47
East Helena East & West
The construction of a dual 276.0 ft. prestressed concrete girder overpass (Over B.N. Inc.)
0.052 Miles
Lewis & Clark County
Contract Let: May 26, 1977
Bid Price: $648,804.88
Work Started: July 6, 1977

Sletten Const. Co.
Great Falls, Montana
Albert Reather, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 175 Working Days
Probable Completion Date:
August 18, 1978

Project is 100% complete pending final cleanup by United Prestress.

F 8-4(1)77 Unit 1
Plant Mix Overlay, Townsend-Toston
9.7 Miles
Broadwater County
Contract Let: Sept. 29, 1977
Bid Price: $643,415.70
Work Not Started

Meyer Const. Co.
Billings, Mt.
Jack ERickson, E.T. 3
Townsend, Montana
Contract Time: 90 Working Days
Probable Completion Date:
November 17, 1978

No work the past period. Project as a whole is 0% complete with 33% of the contract time elapsed. Construction layout as a whole is 30% complete with 4 Engineers engaged.

I 15-2(37)134 &
I 15-3(25)134 Unit 1
Butte North & Woodville North
Grading, Surfacing
and Plant Mix Bit. Base
6.499 Miles
Silver Bow & Jefferson Counties
Contract Let: January 9, 1975
Bid Price: $3,734,970.05
Work Started: March 17, 1975

McIntyre Const. Co. &
S. Birch Inc.
Great FAlls, Montana
Frank Caprara, Manager
Field Project
Butte, Mt. Tel. 792-1797
Contract Time: 250 Working Days
Probable Completion Date:
August 25, 1978

No work the past period. Work remaining consists of installing barricades. Project as a whole is 99% complete with 93% of the contract time elapsed. Construction layout as a whole is 100% complete with 8 Engineers engaged.

I 15-3(26)140 Unit 1
Elk Park South
Grading, Aggregate Surfacing,
Plant Mix Bituminous Base,
Fencing and Signing
2.4 Miles
Jefferson County
Contract Let: August 26, 1976
Bid Price: $1,549,787.98
Work Started: Sept. 14, 1976

McIntyre Const. Co. &
S. Birch Inc.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Butte, Mt. Tel. 792-1797
Contract Time: 150 Working Days
Probable Completion Date:
August 25, 1978

No work the past period. Work remaining consists of installing barricades. Project as a whole is 99% complete with 92% of the contract time elapsed. Construction layout as a whole is 100% complete with 8 Engineers engaged.

I 15-3(29)160 Unit 1
Structure & Approaches on the Basin
Boulder Road
Construction of a prestressed concrete
Girder Bridge
0.36 Miles
Jefferson County
Contract Let: March 30, 1978
Bid Price: $295,635.44
Work Started: May 3, 1978

Sletten Const. Co.
Great Falls, Montana
Albert Reather, Manager
East Helena, Mt. Tel. 227-5392
Contract Time: 130 Working Days
Probable Completion Date:
November 24, 1978

Work the past period consisted of forming on deck diaphgrams and endwalls. The contractor employed 9 men for 10-8 hour shifts. Project as a whole is 65% complete with 56% of the contract time elapsed. Construction layout as a whole is 80% complete with 2 Engineers engaged.

FH 28-1(3)
MacDonald Pass East & West (West Section)
Grading, Aggregate Surf., Pl. Mix
Bit. Base Surf., Seal, Cover,
Signing & Fencing
2.5 Miles

Meyer Construction Co.
Billings, Montana
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392

FH 28-1(3) Cont'd.
Powell and Lewis & Clark Counties
Contract Let: April 25, 1975
Bid Price: $2,227,170.70
Work Started: June 5, 1975

Contract Time: 240 Working Days
Probable Completion Date:
August 31, 1978

All items are complete with the exception of the seal and cover which will be accomplished as time permits.

RS 34(7)
Wisdom - South
Grading, Agg. Surf., Pl. Mix
Base, Seal & Cover
10.160 Miles
Beaverhead County
Bid Price: $1,609,681.60
Contract Let: June 19, 1976
Work Started: July 26, 1976

Clark Brothers Contractors
Victor, Montana
Gordon Eckman, E.T. 3
Wisdom, Mt. Tel. 689-2255
Contract Time: 175 Working Days
Completion Date:
July 19, 1978

Final inspection and acceptance is pending. It is estimated that final data will be submitted to Helena on January 19, 1979.

F 49-2(2)16
Twin Bridges - South
Pl. Mix Bit. Surf. Overlay
10.3 Miles
Madison County
Contract Let: July 27, 1978
Bid Price: $602,086.85
Work Not Started:

Meyer Construction Co.
Billings, Montana
Engineer: Unassigned
Contract Time: 90 Working Days
Probable Completion Date:
November 10, 1978

Preconstruction Conference has not been held.

I IG 90-3(27)172 Unit 1
Garrison East & West (West Section)
The construction of a 590.83' Avg. length dual composite steel and concrete girder bridge (Over Burlington Northern Inc.)
0.1 Miles
Powell County
Contract Let: May 26, 1977
Bid Price: $1,895,384.05
Work Started: July 27, 1977

General Const. Co.
Butte, Montana
Robert Gilman, Manager
Field Project
Deer Lodge, Mt. Tel. 846-3344
Contract Time: 280 Working Days
Probable Completion Date:
Nov. 17, 1978

Structures at Sta. 153+05.70: Forming base deck Spans No. 4 and No. 5 E.B. Forming, placing and tying Reinforcing Steel, and placed concrete in Abutment No. 1 left and right wingwalls E.B. Torqueing up Structural Steel Spans No. 1 thru No. 4 E.B. Placing and tying Reinforcing Steel in deck slab Spans No. 3 and No. 4 W.B.
Structure Approaches: No Work.

I IG 90-3(27)172 U1 Cont'd.
Percentages complete for the items are as follows: Structures: Structure Excavation 97%; Reinforcing Steel 44%; Class AD Concrete 99%; Furnish and Drive Steel Bearing Piling 100%; Traffic Control 10%; Cost of Training Program 100%; Structural Steel 96%; Mobilization 100%. Approaches: Topsoil Salvage and Stockpile 100%; Excavation Unclassified Borrow 97%; Haul Borrow 97%; Compaction Roadbed 97%; Mobilization 100%. The contractor worked ten (10) eight (8) hour shifts employing an average of ten (10) men. The project as a whole is 76.5% complete with 61.8% of the contract time elapsed.

I IG 90-3(27)172 U2 & F 88-1(1)1
Garrison East & West (West Section)
and Garrison Interstate Connection
Grading, Agg. Surf., Pl. Mix Bit.
Surf., Signing and Lighting on 4.2 Miles
of Project I IG 90-3(27)172 U2
and Widening, Pl. Mix Bit. Surf.,
Signing and Lighting on 0.7 Miles
of Proj. F 88-1(1)1
4.9 Miles
Powell County

Contract Let: Sept. 29, 1977
Bid Price: $4,981,295.99
Work Started: Nov. 15, 1977
Washington Const. Co.
Missoula, Montana
Bill Bork, Manager
Field Project
Garrison, Mt. Tel. 846-3355
Contract Time: 250 Working Days
Probable Completion Date:
October 12, 1979

Work the past period consisted of conducting grading operations. The contractor employed 51 men for 10-8 hour shifts. Project as a whole is 53% complete with 34% of the contract time elapsed. Construction layout as a whole is 83% complete with 5 Engineers and 3 Inspectors engaged.

I IG 90-3(27)172 Unit 3
Structure on Garrison East
& West (West Section)
construction of a dual 692.5' Avg.
prestressed concrete girder bridge
(Over B.N.R.R.) a dual
131.5' prestressed concrete girder
Bridge (Little Blackfoot River)
0.156 Miles
Powell County
Contract Let: Sept. 29, 1977
Bid Price: $1,922,459.45
Work Started: Jan. 11, 1978

General Construction Co.
Butte, Montana
Loren Matkin, Manager
Field Project
Warm Springs, Mt. Tel. 693-2242
Contract Time: 250 Working Days
Probable Completion Date:
Sept. 7, 1979

Progress during the past period was good. Work consisted of: Sta. 94+59.70 (E.B.)-stripping Bt. No. 2 crossbeam; driving steel brg. pile & placing concrete for Bt. No. 4 footings; stripping Bt. No. 5 columns; finishing crossbeam & leveling brg. pad areas Bt. No. 7 & Bt. No. 8. Two - 105 Ft. Type 4 prestressed beams arrived & stored. (W.B.)-placing concrete for footings & crashwall Bt. No. 4; pulling sheeting & bracing & backfilling Bt. No. 5; Placing concrete for Bt. No. 6 crossbeam & finishing crossbeam & leveling brg. pad areas Bt. No. 7. The elastomeric Exp. Brg. pads arrived for (E.&W.B.). Sta. 137+69.25 (E.&W.B.)-no work. Percent complete for the items are as follows: Mobilization,60%; Conc. Cl. AD,68%; Struc. Excav. Type I, 90%; Shoring & cribs, 6%; Test Pile-Steel, 70%; Furn. & Drive Steel Brg. Pile, 80%; & Reinf. Steel, 31%. The structures as a whole are 28% complete with 80 of the 250 working days used or 32% of the contract time

I IG 90-3(27)172 Unit 3 Cont'd.
elapsed. During the past period the cont'r. (General Const. Co.) worked 10-8 hour shifts with 15 men employed. Construction layout is 36% complete.

I 90-3(34)193 Unit 1
I IG 90-4(26)194 U1 & RS 304(12) Unit 1
Racetrack-North, Warm Springs-North & South and Galen East
Grading and Structures
13.083 Miles
Powell & Deer Lodge Counties
Contract Let: April 29, 1976
Bid Price: $7,050,419.49
Work Started: June 10, 1976

Washington Const. Co.
Missoula, Mt.
John T. McGeever, Manager
Field Project (Road)
Warm Springs, Mt. Tel. 693-2242
Loren Matkin, Manager
Field Project (Bridge)
Deer Lodge, Mt. Tel. 846-3355
Contract Time: 300 Working Days
Probable Completion Date:
October 31, 1978

Road
Work on this project is complete with the exception of the seeding which will be accomplished after October 15, 1978. Project as a whole is 99% complete with 76% of the contract time elapsed.
Bridges
All work on the structures was completed on Sept. 29, 1977 and an inspection of these structures was made on October 11, 1977.

I IG 90-3(39)176
Garrison East & West (East Section)
Grading, Agg. Surf., Pl. Mix Bit. Surf., Fencing and the construction of a 303.76' steel Girder underpass (Beckhill Interchange) and one 21.33' concrete slab overpass (Junior Grade Separation)
3.560 Miles
Powell County
Contract Let: February 26, 1976
Bid Price: $3,718,181.56
Work Started: June 30, 1976

Max J. Kuney
Spokane, Washington
Claude J. Flynn, Manager
Field Project (Road)
Deer Lodge, Mt. Tel. 846-1694
Robert Gilman, Manager
Field Project (Bridges)
Deer Lodge, Mt. Tel. 846-3344
Contract Time: 240 Working Days
Completion Date:
July 20, 1978

Final inspection and acceptance August 2, 1978. It is estimated that final data will be submitted to Helena on February 16, 1979.

I 90-3(40)193 &
I IG 90-4(27)194
Surfacing of Racetrack North & South and Warm Springs North & South
Aggregate Surfacing, Plant Mix Surfacing and Signing
12.2 Miles
Powell & Deer Lodge Counties
Contract Let: August 11, 1977
Bid Price: $2,582,114.30

Hilde Const. Co. Inc.
Great FAlls, Montana
John T. McGeever, Manager
Field Project
Warm Springs, Mt. Tel. 693-2242
Contract Time: 180 Working Days
Probable Completion Date:
November 30, 1978

I 90-3(40)193 &
I IG 90-4(27)194 Cont'd.
Work Started: February 28, 1978

Work the past period consisted of setting guardrail, erecting fence and conducting paving operations. The contractor employed 55 men for 10-12 hour shifts. Project as a whole is 72% complete with 41% of the contract time elapsed. Construction layout as a whole is 72% complete with 5 Engineers and 9 Inspectors engaged.

I 90-5(33)264
Milligan Canyon to Jct. 287
Pl. Mix Bit. Overlay & Assoc. Work
10.5 Miles
Jefferson & Broadwater Counties
Contract Let: July 27, 1978
Bid Price: $5,072,682.09
Work Not Started

McIntyre Construction Co.
Great Falls, Montana
Engineer: Unassigned
Contract Time: 200 Working Days
Probable Completion Date:
October 26, 1979

Preconstruction Conference has not been held.

RF 171(17) & RS 167(10)
Harrison North & South
and Cardwell - Southeast
Grading, Agg. Surfacing and
Pl. Mix Bit. Surfacing
8.3 Miles
Madison, Gallatin & Jefferson Counties
Contract Let: November 24, 1975
Bid Price: $2,060,160.58
Work Started: December 17, 1975

McEachern Const. Co.
Butte, Montana
George Buckman, Manager
Field Project
Anaconda, Mt. Tel. 563-2321
Contract Time: 200 Working Days
Completion Date:
Jan. 14, 1977

Checking of Final Data by Division Office personnel has been suspended awaiting from field office. It is estimated that Final Data will be sent to Helena on September 29, 1978.

RF FF 249(27)
MacDonald Pass East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Base Surf., Seal, Cover
Signing & Fencing
4.1 Miles
Lewis & Clark County
Contract Let: Dec. 16, 1976
Bid Price: $2,865,627.44
Work Started: Jan. 24, 1977

Meyer Const. Co.
Billings, Mt.
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:
October 20, 1978

Work the past period consisted of conducting grading operations and installing culverts. Contractor employed 20 men for 10-9 hour shifts. Project as a whole is 79% complete with 87% of the contract time elapsed. Construction layout as a whole is 96% complete with 5 Engineers and 1 Inspector engaged.

M 0299(3)
Anaconda Urban System
Grading, Pl. Mix Bit. Base,
Pl. Mix Bit. Surf., and Signing
2.8 Miles
Deer Lodge County
Contract Let: April 28, 1977
Bid Price: $996,307.40
Work Started: July 7, 1977

Zook Brothers Const. Co.
Great Falls, Montana
George Buckman, Manager
Field Project
Anaconda, Mt. Tel. 563-2321
Contract Time: 120 Working Days
Probable Completion Date:
August 31, 1978

No work the past period. Project as a whole is 99% complete with 99% of the contract time elapsed.

BRS 361-1(3)17
Structure & Approaches
West of Twin Bridges
Construction of a prestressed concrete
Girder Bridge and Grading Agg. Surf.,
and Road Mix Surf. of the approaches
0.00 Miles
Contract Let: Sept. 28, 1977
Bid Price: $557,136.64
Work Started: November 4, 1977

McIntyre Const. Co. and
S. Birch Inc.
Great Falls, Montana
Harold Wiebe, Manager
Field Project
Twin Bridges, Mt. Tel 684-5714
Probable Completion Date:
September 22, 1978

Progress for the past two weeks was fair. Structure over Big Hole River at Sta. 13+55.00: Forming and tying Reinforcing Steel for left and right curbs for Span No. 1 & 2. Stripping Backwalls and Deck forms. Road: No work. Percentages complete for the items are as follows: Work Bridge 100%, Mobilization 100%, All Piling 100%, Shoring & Crib 100%, Structure Excavation 100%, Class AD Concrete 100%, Class BD 81%, Reinforcing Steel 96%, Gravel Filter Material 99%, Class II Rip-Rap 99%, 60"x128' Pipe 100%, 48"x128' Pipe 100%, Excavation Unclassified 50%, Compaction Roadbed 50%, Haul 50%, Structural Steel 100%, Prestressed Beams Type 10 100% and Protective Coating 83%. The contractor worked ten (10) eight (8) hour shifts and employed and average of two (2) men. The project as a whole is 81% complete with 64% of the contract time elapsed.

M 1803(4)
Harrison Ave. - Butte
Pl. Mix Bit. Overlay, Curbs
Traffic Signals, Signing, Sidewalks
and Beautification
0.3 Miles
Silver Bow County
Contract Let: May 26, 1977
Bid Price: $320,447.19
Work Started: July 19, 1977

Jim Gilman Excavating Inc.
Butte, Montana
Robert Wilson, Manager
Field Project
East Helena, Mt. Tel. 227-6924
Contract Time: 90 Working Days
Completion Date:
July 17, 1978

Final inspection and acceptance is pending. It is estimated that Final data will be submitted to Helena on November 17, 1978.

M 1804(2)
West Park St.-Butte
Butte-Brown's Gulch Road
Grading, Agg. Surf., Pl. Mix
Bit. Base, Pl. Mix Bit. Surf.,
Signing, Lighting & Traffic Signals
Silver Bow County
Contract Let: January 27, 1977
Bid Price: $525,301.20
Work Started: March 15, 1977

Jim Gilman Excavating Inc.
Butte, Montana
Joseph Bettle, Manager
Field Project
Garrison, Mt. Tel. 846-3355
Contract Time: 130 Working Days
Completion Date:
April 26, 1978

Final inspection and acceptance June 29, 1978. It is estimated that Final Data will be submitted to Helena on December 15, 1978.

RRP 4139(55)
The installation of pavement markings
signing and guard rail on various railroad
Highway Crossings on Federal Aid Routes
Statewide in Montana
Contract Let: May 25, 1978
Bid Price: $382,865.10
Work Started: July 31, 1978 (Butte Div.)

Pacemaker Industries Inc.
Spokane, Washington
Edward Kenison, E.T. 3
Butte, Mt. Tel. 494-4172
Contract Time: 90 Working Days
Probable Completion Date:
September 15, 1978

Work the past period consisted of laying plastic striping and works and symbols. The contractor employed 8 men for 6-10 hour shifts. Project as a whole is 45% complete with 9% of the contract time elapsed. There is one Engineer on this project.

PMS 4140(52) Unit 3 & 4
Pavement Markings on Various Intersections
Gallatin, Park, Madison, Powell
Silver Bow and Lewis & Clark Counties
Contract Let: February 23, 1978
Bid Price: $130,637.02
Work Started: June 9, 1978

Robert L. Livesay
Great Falls, Montana
Edward Kenison, E.T. 3
Butte, Mt. Tel. 494-4172
Contract Time: 90 Working Days
Probable Completion Date:
August 30, 1978

Work the past period consisted of installing pavement markings. The contractor employed 3 men for 10-10 hour shifts. Project as a whole is 66% complete with 38% of the contract time elapsed. There are two Engineers on this project.

M 5805(4)
Traffic Control Devices and Lighting
on Park Avenue, Helena
0.00 Miles
Lewis & Clark County
Contract Let: May 25, 1978
Bid Price: $136,636.66
Work Not Started

Allen Electric Inc.
Helena, Montana
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 35 Working Days
Probable Completion Date:
September 29, 1978

M 5805(4) Cont'd.
Preconstruction Conference has not been held.

M 5816(3)
Broadway - Helena
Grading, Agg. Surf., Pl. Mix
Bit. Base, Pl. Mix Bit. Surf.,
Sidewalks and related items
0.9 Miles
Lewis & Clark County
Contract Let: August 11, 1977
Bid Price: $477,717.13
Work Started: September 12, 1977

Dugdale Const. Co. Inc.
Butte, Montana
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 110 Working Days
Probable Completion Date:
September 1, 1978

Work the past period consisted of conducting various construction activities. Contractor employed 15 men for 8-8 hour shifts. Project as a whole is 96% complete with 97% of the contract time elapsed. Construction layout as a whole is 100% complete with 5 Engineers and 1 Inspector engaged.

For Richard B. Dundas, P.E. Supervisor
Division Construction Section - Butte

RBD/GBH/MJJ/cu

P. O. Box 1110
Bozeman, MT 59715

August 18, 1978

Progress Report
Division 2230

Department of Highways
Helena, MT 59601

Gentlemen:

Following is a report covering construction and preconstruction operations in the Bozeman Division for the two week period ending August 18, 1978. Weather during the past period was generally good during the first week with scattered showers throughout the division the second week. Temperatures during this period ranged from 32 through 90 degrees.

PRECONSTRUCTION

F 11-1(1)54
Park Street - Livingston
Length - 1.6 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston

All requested field work has been completed.

F 13-1( )24
8 Mi. South of Cameron - South
Length - 6.0 Miles

Engineer Unassigned

All requested field work has been completed.

F 13-1( )30
3 Mi. South of Cameron - South
Length 5.0 Miles

Engineer Unassigned

All requested field work has been completed.

F 13-1(4)56
Norris Hill
Length - 9.0 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Design - Alpha Engineers Inc.

The location survey has been completed and the design is now 10% complete.

HHS 50-2(3)81
Int. of FAP 50, 84 & 85

William F. Nimmons, FPM
Phone: 586-5074

All requested field work has been completed.

F 50-2(4)79
Bozeman - West
Approximate Length - 9 Miles

Ross M. Johnson, FPM
Phone: 587-4186 Bozeman
Estimated Completion: June 1, 1979

All personnel have been utilized on construction projects and this survey remains 8% complete.

F 59-1(2)7
Clyde Park - North & South
Length - 6.7 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston

All requested field work has been completed.

F 59-1(3)14
Clyde Park - North
Length - 6.2 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston

All requested field work has been completed.

F 64-1(2)3
US 191 Spur
Approximate Length - 6.7 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston

As requested by the Billings Right of Way Section, the right of way lines for the BN parcel were flagged.

HHS 86-1(2)1
Int. of FAP 86 & FAS 536

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

All requested field work has been completed.

F 86-1(3)23
Park Co. Line - South
Length - 8.1 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston
Estimated Completion Date: 12-1-78

The completed hydraulic situation surveys and the Hydraulic Forms #1 were submitted to Helena on 2-9-78. With the exception of the Hydraulic Survey of "Fairy Creek" at Station 149+30 and the irrigation surveys, all Hydraulic Situation Surveys have been completed and the Hydraulic Forms #1 have been submitted to Helena.

F 86-1(4)18
8 Miles South of Park Co. Line-South
Length - 6.0 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston
Estimated Completion Date: 6-30-79

A four man survey crew spent 2 days running center line. The center line is now in place from the beginning of the project to Station 154+00. The location survey as a whole is now 15% complete.

HHS 86-1(5)3
Bridger Canyon
Length - 1.8 Miles

Ross M. Johnson, FPM
Phone: 587-4186 Bozeman
Estimated Completion Date: 5-31-78

The survey crew that was working on this location survey is now being utilized on construction projects. The location survey as a whole is 48% complete.

IR 90-6( ) — Engineer Unassigned
Rocky Canyon (PMS Overlay)
Length - 5.3 Miles

No information has been requested from the field.

I 90-6(36)315 U-3 — Engineer Unassigned
Bozeman Pass - West, Rest Area

No information has been requested from the field to date.

I 90-7(17)350 — Roger E. Blossom, PE, FPM
Springdale - Big Timber — Phone: 932-3515 Big Timber
Length - 13.477 Miles

The Traverse for the Jarett material source was submitted to the Bozeman Lab on May 17, and a Traverse for an additional material source was submitted to the Bozeman Lab on July 7th.

I 90-7(21)339 — Engineer Unassigned
Springdale - West
Length - 9.2 Miles

The hydraulic survey data requested on August 7 will be obtained as men are available.

ROW I 90-7(28)318 — Engineer Unassigned
Bozeman Pass - East
Sand House

No information from the field has been requested to date.

I 90-7(35)364 U-2 — Roger E. Blossom, PE, FPM
Big Timber - Greycliff (E. Sect.) — Phone: 932-3515 Big Timber
Length - 5.5 Miles
Grading & Str. at Sta. 580±, 620±, 680±, 698±.

All requested field work has been completed.

I 90-7(35)364 U-3 — Roger E. Blossom, PE, FPM
Big Timber - Greycliff (Mid. Sect.) — Phone: 932-3515 Big Timber
Gr. & Str. at Sta. 1829± & 1896±
Length - 3.2 Miles

All requested field work has been completed.

I 90-7(35)364 U- — Roger E. Blossom, PE, FPM
Big Timber - Greycliff (W. Sect.) — Phone: 932-3515 Big Timber
Length - 1.7 Miles

All work requested from the field has been completed.

I 90-7(36)318 U-2 — Engineer Unassigned
Bozeman Pass - East
Rest Area

All work requested from the field has been completed.

I 90-7(40)332 — William F. Nimmons, FPM
Snow Fence — Phone: 586-5074 Bozeman
Approx. Length - 5.0 Miles

All information requested from the field has been submitted to Helena.

I 90-7(41)375 — Roger E. Blossom, PE, FPM
Greycliff - East — Phone: 932-3515 Big Timber
Access Road (Prairie Dog Town)
Length - 0.440 Mile

All requested work has been completed.

F 91-1(1)0 — Engineer Unassigned
Big Timber - E & W
Signs, Traffic Control Devices

All requested work has been completed.

HHS 205-1(1)28 — William F. Nimmons, FPM
North of Bozeman — Phone: 586-5074 Bozeman
Guardrail - B.N. Overpass
Right Turn Lane

All requested work has been completed.

S 487-1(1)0 — Larry O. Williams, Designer II
Big Timber - North & East — Phone: 586-9562 Bozeman
Approx. Length - 9.0 Miles — Estimated Completion: 1979

There was no work on this project during the past period and the design remains 5% complete.

RS 540-1(1)0 — Engineer Unassigned
East River Road - Park Co.
Length 23.0 Miles

A preliminary field review for this project was held on July 19, 1978.

RS 563-1(1)0 — Larry O. Williams, Designer II
Springdale - Hunters' Hot Springs — Phone: 586-9562 Bozeman
Length - 2.0 Miles — Estimated Completion: Aug. 25, 1978
Design Started 5-2-77

With the exception of the bridge plans and the incorporation of the approved canal alignment, arch pipe, and transition details of the Hunters' Hot Springs canal relocation, this design is essentially complete. It is estimated that all data will be transmitted to Helena for final checking before the end of the month.

M 1201(1)
North 19th - Bozeman
Design
Approx. Length - 0.4 Mile

Thomas, Dean & Hoskins, Inc.
Bozeman, MT

The City of Bozeman submitted their recommendations for a typical section to Helena on March 2, 1978.

M 1202(1)
Oak Street - Bozeman
Approx. Length - 0.8 Mile
Survey Started: 7-26-76

William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Estimated Completion: Oct. 15, 1978

All work on this survey has been suspended due to construction projects. The survey remains 7% complete.

M 1212(1)
Kagy Lane-From Willson to Highland-BZN
Design
Approx. Length - 1.1 Mile

Thomas, Dean & Hoskins, Inc.
Bozeman, MT

The City of Bozeman submitted their recommendations for a typical section to Helena on March 2, 1978.

M 1212(4)
Kagy, from 3rd to 19th - Bozeman
Length: 1.0 Miles

Engineer Unassigned

This location survey has not been started to date.

M 7403(1)
5th St., Park to Front - Livingston
Design
Approx. Length - 0.1 Mile

Morrison-Maierle, Inc.

The design of this project has been completed and the final plans have been approved by city officials and returned to Helena.

M 7404(1)
Front St., from Main to Cemetery-Liv.
Design
Approx. Length - 0.9 Mile

Morrison-Maierle, Inc.

The final plans were delivered to the city officials for their approval on April 12, 1978. On August 2, 1978 a letter was written by Livingston city officials requesting various changes and this letter has been forwarded to the consultant engineers.

M 7406(1)
Main, Chinook & Gallatin - Livingston
Design
Approx. Length - 1.3 Miles

Morrison-Maierle, Inc.

A public hearing is scheduled for August 23, 1978.

M 7412(3)
River Dr. & 9th St. - Livingston
Length - 0.4 Mile
Design

Morrison-Maierle, Inc.

A fully executed copy of the agreement between the City of Livingston and the State of Montana Department of Highways has been distributed.

C O N S T R U C T I O N

I-000B(2) U-2 & F-000B(1) U-2
Revegetation & Erosion Control
Route I 90- & FAP Routes 13, 45, 50, 59, 84, & 86
Contract Awarded: March 31, 1978
Contract Amount: $84,886.14
Proceed Order Date: April 21, 1978
Work Started: April 18, 1978

Beco, Inc.
Idaho Falls, Idaho
William G. Shuyler, FPM
Phone: 586-9562 Bozeman
Contract Time: 60 Working Days
Completion Date: 6-22-78
Effective Opening Date: N.A.

Between one and two men have been working on the final estimate and supporting data on an intermittent basis. Preparation of the final estimate is now approximately 92% complete, with an estimated date of submittal to the division office of August 31, 1978.

F 29-1(5)16
Virginia City Hill
Truck Escape Ramp
Contract Awarded: March 31, 1978
Contract Amount: $123,403.80
Proceed Order Date: 4-21-78
Work Started: 7-11-78

Rehbein Contracting, Inc.
Plains, Montana
William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Contract Time: 60 Working Days
Probable Completion Date: 10-18-78
Effective Opening Date:

Progress has been fair with the contractor employing between two and twelve men. Major operations were hampered between August 2nd and 10th by the shortage of cement. Swan and Sons, fencing sub-contractors began work on August 11th on the installation of permanent farm fence. 127 rods of fence was installed, completing this item. Screening of the Selected Surfacing material was started on October 3rd, and the contractor is having considerable trouble producing this material. Some 1300 cubic yards of unclassified excavation was accomplished bringing the total excavation to date to 11,350 cubic yards, completing this item. The five concrete deadmen were poured on August 11. A five man engineering crew is assigned to this project which is currently 48% complete with 97% of the contract time elapsed. The contractor has 2 working days of contract time remaining.

F 45-1(1)15
Big Timber - North
Length - 11.5 Miles
Contract Awarded: 10-1-77
Contract Amount: $652,048.05
Proceed Order Date: 10-24-77
Work Started: 7-25-78

Meyer Construction Company
Billings, Montana
Phone: 932-3515 Big Timber
Contract Time: 90 Working Days
Probable Completion Date: 10-18-78
Effective Opening Date:
Roger E. Blossom, PE, FPM

The contractor plans to begin paving in the immediate future.

F 50-2(1)88
Signals
Intersection of Main & 5th - Bozeman
Contract Awarded: 7-29-77
Contract Amount: $30,236.00
Proceed Order Date: 8-10-77
Work Started: 3-20-78

Midland Electric Company
Billings, Montana
William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Contract Time: 40 Working Days
Completion Date: 6-28-78
Effective Opening Date: 6-28-78

The final estimate and supporting data was transmitted to Helena on August 9, 1978. This will be the last report for this project.

ROS 50-2(5)56
US 191 Gallatin Canyon Safety
Safety Corrections
Contract Awarded: March 31, 1978
Contract Amount: $417,890.15
Proceed Order Date: April 21, 1978
Work Started: April 24, 1978

Frank Gurney, Inc.
Spokane, Washington
Harold G. Heath, Eng Tech 3
Phone: 587-4186 Bozeman
Contract Time: 60 Working Days
Probable Completion Date: 10-17-78
Effective Opening Date: 7-26-78

The seeding and fertilization are the only contract items remaining uncompleted. Some minor shaping work on borrow areas still remains uncompleted at this time. Three men have been working on the final estimate and supporting data which is now approximately 50% complete. The project as a whole is 98% complete with 97% of the contract time elapsed. The contractor has 2 working days of contract time remaining.

I 90-6(30)309, I 90-6(36)315 U-2
I 90-7(38)318
Rocky Canyon Safety, Bozeman Pass-West and Bozeman Pass-East (West Section)
Grade, Agg. Surf., Pl. Mix Base, Structures
Length - 7.1 Miles
Contract Awarded: 5-28-76
Contract Amount: $9,845,688.09
Proceed Order Date: 6-22-76
Work Started: 7-6-76

Goodfellow Brothers, Inc.
Wenatchee, Washington
Ross M. Johnson, FPM - Grade
Jerry R. Branum, FPM - Structures
Phone: 587-4186 Bozeman
Contract Time: 300 Working Days
Probable Completion Date: 7-79
Effective Opening Date:

Progress has been fair with the contractor employing 24 men and working eight 8 hour shifts. Goodfellow Brothers has been performing finishing work on the sub-grade in the rest area in between Stations 111 and 126 on the main line. Fencing operations are in progress left of Stations 220 through 270. Red Line Transport has been hauling 1½ in. surfacing to Rocky Canyon job and also on the east bound lane between Stations 130 and 168 and between 21 and 57. Baltrusch Construction began paving the Rocky Canyon Safety area on August 16. McEachern Construction Co. placed the beams on the west bound structure and placed the caps on bents 1 & 2 on the east bound structure. Five 60' beams, six 70' beams, and five 45' beams were placed during this period. 14,000 tons of 1½" base course was placed, bringing this item to 70% complete. A 23 man engineering crew is assigned to this project which is 83% complete with 76% of the contract time elapsed. The contractor has 85 working days of contract time remaining.

I 90-7(35)364 U-1
Big Timber - Greycliff
393.0' Composite Steel & Concr.
Girder Br. & App.
Contract Awarded: 10-1-77
Contract Amount: $481,649.80
Proceed Order Date: 10-25-77
Work Started: 11-5-77

L. R. Huckaba Construction Company
Cardwell, Montana
Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Contract Time: 170 Working Days
Probable Completion Date: 9-30-78
Effective Opening Date: N.A.

Progress has been good during the past period with the contractor employing 5 men. Work has consisted of setting forms for the deck and back walls. A 3 man engineering crew is assigned to this project which is 68% complete with 54% of the contract time elapsed. The contractor has 79 working days of contract time remaining.

I 90-7(36)321 U-1
Bozeman Pass-East (East Section)
Length - 5.6 Miles
Grading, Agg. Surf., Pl. Mix Bit. Base
Fencing, Signing, Structures
Dual 123.0' Steel & Conc. Overpass
Dual 78.0' Steel & Conc. Overpass
Contract Awarded: 8-27-75
Contract Amount: $5,703,449.81
Proceed Order Date: 9-18-75
Work Started: 9-15-75

Clark Brothers Contractors
Victor, Montana
George A. Sitton, FPM
Phone: 222-1965 Livingston
Contract Time: 250 Working Days
Probable Completion Date: 8-30-78
Effective Opening Date: 6-23-78

Two men have been working on the final estimate and supporting data which is now approximately 92% complete. The project remains 99% complete with 97% of the contract time elapsed. The contractor has 9 working days of contract time remaining.

Respectfully,

Richard C. Holmes, PE, Supervisor
Division Construction Section - Bozeman

RCH:EJR:cj
cc: Bozeman Division Office
Bozeman Lab

DEPARTMENT OF HIGHWAYS
GREAT FALLS, MONTANA
AUGUST 17, 1978

Department of Highways
Helena, Montana

Progress Report
Division 3130

Gentlemen:

Herewith is the Progress Report covering work accomplished in Division 3130 during the period August 7, 1978 thru August 21, 1978.

GENERAL

Weather has been clear to overcast with tempetures ranging from 50^{o} to 90^{o} with some rain causing temporary delay to construction progress.

PRE-CONSTRUCTION

RF 25(2) - Great Falls, Airport Access Road
Length: 0.7 miles - Cascade County
Design Started: June 3, 1975

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec. 31, 1978

No work during this reporting period. Design remains 46% complete.

F 60-2(03) - Great Falls East
F 64(15)
Length: 9.537 miles
Design Started: Sept. 7, 1976

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec. 31, 1978

No work during this reporting period. Design remains 42% complete.

F 3-2(2) 18
Fairfield E. & W.
Design

R. Fransen, Designer II
Great Falls - Phone # 452-2361
Prob. Comp. Date: Sept. 29, 1978

WEST SECTION, 4.6 MILES
This section, Sta. 682 + 00 to 927 + 30.8, is being redesigned due to a line change in the vicinity of the railroad crossing at Sta. 702 + 34. The original 9.5 mile project is now being split at the south city limits of Fairfield, Sta. 927 + 30.8. Redesign is 50% complete with 3 men working 29 days templating cross sections and making line and grade changes.

F 3-1(1)
Fairfield E. & W.
Location Survey

Tom Hammerbacker - Mgr. F.P.U.
Fairfield - Phone 467-2643
Prob. Comp. Date Sept. 15, 1978

EAST SECTION, 4.9 MILES
Progress has been good with a 8 man engineering crew establishing controls, running centerline and bench levels from Sta. 927 + 30.8 to Sta. 1044 + 48. Survey is 19% complete with 30 man days used to date.

RF 3-2(05)
RF 236 (8)
Teton & Pondera Counties
Location Survey
Length: 20t miles
Survey Started: Feb. 16, 1977

Tom Hammerbacker - Mgr. F.P.U.
Conrad - Phone #278-5412
Comp. Date: August 11, 1978

Survey completed and submitted to Division Office on August 11, 1978. Will be forwarded to Helena on or about August 18, 1978.

F 9-1(1)
F 238(13) Bowmans' Corner-Augusta
Design Started: March 12, 1978

R. Fransen - Designer II
Great Falls - Phone #452-2361

South Section - 5.6 miles - Design work on this portion will begin in the near future. Desing is 0% complete. Probable completion date December 1979.
Middle Section - 5.4 miles - No work during this reporting period. Design remains 7% complete, with probable completion date of March 1979.
North Section - 3.8 miles - Design work on this portion will begin next month. Probable completion date December 1979.

RS 218-1(1)0
Sollid Road-Overlay
Design Started: June 5, 1978

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: August 25, 1978

No work this reporting period. Design remains 65% complete.

RS 365-1(2)0
Brady-East Overlay
Design Started: June 8, 1978

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: August 25, 1978

No work this reporting period. Design remains 65% complete.

RS 228-2(03)
RS 348(18) - 5 miles South of Fort Benton
Location Survey
Length: 3.3 miles
Survey Started: February 18, 1976

G. Enderson - Mgr. F.P.U.
Fort Benton - Phone #622-5502

Chouteau County Commissioners have removed this project from priority. Further work is in a hold pattern.

CONSTRUCTION

I 15-3(28)168 & I 15-4(48)182
Traffic Control Devices & Guard Rail Revisions
Jefferson & Lewis & Clark Counties
Contract Awarded: June 39, 1976
FHWA Concurrence: July 1, 1976
Contract Amount: $1,048,319.90

Apex Construction Company, Const.
P.O. Box 11306
Spokane, WA 99211
Walt Smith - Mgr. F.P.U.
Great Falls - Phone#453-2573
Comp. Time; 150 Working Days
Comp. Date: October 21, 1977
Effective opening date: Oct. 21, 1977

Project completed October 19, 1977. Engineering crew submitted the Final Estimate and Supporting Data To Division Office on April 15, 1978, will be submitted to Helena on or about August 21, 1978.

I 15-5(64)238 U-1 Hardy Creek Ramps
I 15-5(50)239 U-1 Cascade N. & S. (N. Sect.)
Cascade County
Add 2 Lanes
Length: 2.9 miles
Contract Awarded: Feb. 28, 1977
Contract Amount: $459,725.41
FHWA Concurrence: Feb. 28, 1977

Hilde Construction Co., Contractor
P.O. Box 2287
Great Falls, Montana 59403
D.D. Moore - Mgr. F.P.U.
Harry Strong - Mgr. F.P.U.
Cascade - Phone #468-2891
Comp. Time: 100 Working Days
Comp. Date: October 19, 1977

Project completed October 19, 1977. Engineering crew submitted the Final Estimate and Supporting Data to Division Office on April 15, 1978, will be submitted to Helena on or about Sept. 1, 1978.

I 15-5(50) 239 U-4
Cascade North & South (So. Section)
2 Structures & Add 2 Lanes
Cascade County
Length: 11.4 miles
Contract Awarded: August 15, 1977
FHWA Concurrence: August 15, 1977
Amount of Contract: $2,662,646.97
Work Started: August 29, 1977

Rehbein Contracting, Inc., Contractor
P.O. Box 339
Plains, Montana 59859
D.D. Moore - Mgr. F.P.U. (Roadway)
Harry Strong - Mgr. F.P.U. (Roadway)
Cascade - Phone #468-2801
Comp. Time: 160 Working Days
Prob. Comp. Date: August 15, 1978

Roadway: Progress has been good. Contractor moving Uncl. Exc. Sta. 1684 to 1850, finishing to bluetops and placing topsoil. Placing and laying of 3" CBC, 1½" CBC and 3/4 CTS has been completed. Plant Mix Bit. Surf. completed August 9, 1978. Items and percent complete are: (1) Uncl. Exc. 97%, (2) 1½" CBC, 100%, (3) 3/4" CTS 100%, (4) 3" CBC 100%, (5) Plant Mix Bit. Surf. 100%. Project as a whole is 93% complete with 73% of contract time elapsed. Construction layout is 97% complete with a 12 man engineering crew engaged in layout, inspection and testing. Structures: Sta 1775, complete as of 7-24-78, Sta. 2014, complete as of 7-10-78.

I 15-6(21) 304 - Teton River N & S (So. Sect.)
Dual Rest Area, Lighting & Related items
Teton County
Contract Awarded: April 15, 1977
Contract Amount: $323,589.40
Work Started: June 1, 1977

Sletten Construction Co., Contractor
Great Falls, Montana
S. Newton - Mgr. F.P.U.
Teton River Office
Comp. Time: 175 Working Days
Comp. Date: June 30, 1978

Final inspection was held June 13, 1978. Inspection by Ken Carpenter F.H.A. Engr., June 29, 1978.

Final estimate submitted to Division Office on July 27, 1978, will be forwarded to Helena on or about August 25, 1978.

BRF 9-2(3) 63
Teton River Bridge - South of Choteau
Teton County
Contract Awarded: August 15, 1977
Amount of Contract: $447,638.98
Work Started: Sept. 13, 1977

Frontier West, Inc., Contractor
P.O. Box 8242
Missoula, Montana 59801
Don Harrison - Mgr. F.P.U.
Choteau
Comp. Time: 130 Working Days
Prob. Comp. Date: Sept. 15, 1978
Effective Opening Date: Aug. 4, 1978

Progress has been good. Paving started 8-3-78 and completed 8-4-78. Detour structure removed except for minor cleanup. Work remaining includes complete riprap, curbs, and imbankment protectors, seeding and fencing. The project as a whole is 90% complete with 84% of contract time elapsed. Construction layout is 95% complete with a 2 man engineering crew engaged in inspection. Traffic re-routed to new roadway and structure 8-4-78.

ER 72 (4)
Landers Fork - Flood Damage Repair
Lewis & Clark County
Contract Awarded: Dec. 15, 1977
Amount of Contract: $109,020.50
Work Started: Feb. 14, 1978

General Construction, Contractor
P.O. Box 3589, Butte, MT 59701
Walt Smith - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 45 Working Days
Comp. Date: July 20, 1978
Effective opening date: July 3, 1978

All items are 100% complete. The project as a whole is 100% complete with 76% of the contract time elapsed. Construction engineering crew engaged in other assignments and preparing final estimate and supporting data.

F 80-1(1) 5
Fort Benton - South-Geraldine-Fort Benton
Chouteau
9.5 miles - Pl. Mix Overlay
Contract Awarded: October 1, 1977
Contract Amount: $523,710.83
Work Started June 22, 1978

Meyer Construction Company, Const.
P.O. Box 1417, Billings MT 59101
Glen Enderson - Mgr. F.P.U.
Fort Benton - Phone #622-5502
Comp. Time: 90 Working Days
Prob. Comp. Date: Sept. 14, 1978
Effective opening date:

Progress has been poor. Contractor plans to start paving operations on or about August 24, 1978. The project as a whole is 13% complete with 59% of the contract time elapsed. Construction layout is 75% complete with a 3 man engineering crew engaged in layout, testing and other assignments.

HHS 24-4(2) 127
Mont. 200 at Int. Mt. 21 and U.S. 89
Intersection improvements
Cascade County
Contract Let: October 27, 1977
Contract Awarded: November 2, 1977
Contract Amount: $148,488.00
Work Started: April 11, 1978

Kraus Construction Co., Contractor
P.O. Box 923, Great Falls, MT
Walt Smith - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 45 Working Days
Prob. Comp. Date: Oct. 20, 1978
Effective opening date: Aug. 9, 1978

Progress has been good. Contract completed paving on August 2, 1978. Work remaining includes complete topsoiling, seeding and guardrail for bridge on US 89. Project as a whole is 98% complete with 92% of contract time elapsed. Construction layout is 100% complete with a 4 man engineering crew engaged in inspection and other assignments. New alignments opened to traffic August 9, 1978.

HHS 24-3(1) 90
Rogers Pass - Guardrail 0.2 miles
Lewis & Clark County
Contract Let: May 31, 1978
Contract Awarded: May 31, 1978
Work Started:
Contract Amount: $42,836.00

Western Sign Company
P.O. Box 2669, Great Falls, MT
Walt Smith, M.F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 20 Working Days
Comp. Date: August 2, 1978
Effective opening date: Aug. 2, 1978

Progress has been Good. Western Sign Company completed work on August 2, 1978. All items 100%. The project as a whole is 100% complete with 95% of the contract time elapsed.

TQS 228-1(3)0
Great Falls - Highwood
Cascade County
13.7 miles, Pl. Mix Overlay & Seal Cover
Contract Awarded: July 29, 1977
Work Started: Sept. 19, 1977
Contract Amount: $1,087,497.70

Hilde Construction Co., Contractor
P.O. Box 2287, Great Falls, MT 59401
Frank Robinson - Mgr. F.P.U.
Great Falls, Phone# 453-2573
Comp. Time: 140 Working Days
Prob. Comp. Date: Oct. 30, 1978
Effective opening date: July 21, 1978

Progress has been fair. All major items complete with exception of seeding. Cleanup is complete. The project as a whole is 96% complete with 62% of the contract time elapsed. Construction layout is 99% complete with a 1-2 man engineering crew engaged in other assignments.

RS 228-2(4)40
Fort Benton - South
Chouteau County
4.3 miles - G. GS. Pl. Mix Bit. Surf.
Contract Awarded: March 31, 1978
Contract Amount: $1,039,164.75
Work Started: June 8, 1978

General Construction Co., Contractor
P.O. Box 3589, Butte, MT 59701
Glen Enderson - Mgr. F.P.U.
Fort Benton - Phone # 622-5502
Comp. Time: 140 Working Days
Prob. Comp. Date:
Effective opening date:

Progress has been good. Contractor moving Unc. Exc. from Sta. 116 to 331 and installing culverts. Contractor anticipates that sufacing operations will start on or about August 28, 1978. Items and percent complete are: Uncl. Exc. 45%, C.S.P. 24" 0.64 46%, C.S.P. 36" 45%, fencing 98%. The project as a whole is 24% complete with 34% of the contract time elapsed. Construction layout is 95% complete with a 6 man engineering crew engaged in layout, inspection, and other assignments.

RS 330-1(3)31
Cascade East - Cascade - Ulm
Cascade County
6.5 miles - Pl. Mix Overlay
Contract Awarded: Dec. 15, 1977
Contract Amount: $250,432.62
Work Began: July 18, 1978

Meyer Construction Co., Contractor
P.O. Box 1417, Billings, MT 59101
Walt Smith - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 75 Working Days
Prob. Comp. Date: August 31, 1978
Effective opening date:

Pregress has been good. Contractor completed paving operation on August, 2, 1978. Now awaiting cure of plant mix before chip and seal. Chip and Seal is to start the week of August 21, 1978. The project as a whole is 68% complete with 57% of the contract time elapsed. Construction layout is 100% complete with a 6 man engineering crew engaged in inspection, testing and other assignments.

M 5201 (5) U-2
Structure on 6th St. S.W. - Great Falls
Cascade County
Contract Awarded: May 31, 1977
Amount of Contract: $2,008,232.79
Work Started: June 21, 1977

Sletten Construction Co., Contractor
P.O. Box 2467
Great Falls, MT 59403
T. Tomich - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 300 Working Days
Prob. Comp. Date: Oct. 31, 1978
Effective opening date:

Progress has been fair. All substructure units and prestressed beams are in place but require finishing. The NB deck is placed and the S.B. deck is to be placed the week of Aug. 14, 1978. Finishing of beams and other concrete in progress. Items and percent complete are: AD Conc. 82%, Resteel 95%, Prest. Beams 94%, Str. Exc. 95%, Sharing and Cribs 100%, and Piling 100%. The project as a whole is 81% complete with 58% of the contract time elapsed. Construction layout is 90% complete with a 3 man engineering crew engaged in layout and inspection.

M 5217 (2)
Traffic Control Devices
10th Ave. So. at 25th and 26th St. - Gt. Falls
Cascade County
Contract Awarded: June 27, 1977
Amount of Contract: $60,924,25
Work Started: April 10, 1978

Cascade Electric Co., Contractor
903 10th AVe. North, Great Falls, MT
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Date: July 10, 1978
Effective opening date: June 15, 1978

Project certified complete and accepted July 10, 1978. Final estimate was submitted to Division Office on August 9, 1978, and will be forwarded to Helena on or about August 25, 1978.

PMS 4140(52) U-6 & &
Pavement Markers
Cascade, Glacier, Toole & Hill Counties
Contract Awarded: March 31, 1978
Work Started: June 28, 1978

Northern Rockies Const., Contractor
P.O. Box 2101, Gt. Falls, MT 59401
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone#453-2573

Progress has been good. While contractor worked on Unit 7 of project maintenance forces and city forces have completed sufficient overlay work to permit contractor to proceed with remaining work on Unit 6. Items and percent complete are: Striping 8" 51%, Striping 24" 60%, Words and Symbols 58%. The project as a whole is 52% complete with 30% of the contract time elapsed. Construction layout is 80% complete with a 1 man engineering crew engaged in inspection, layout and other assignments.

RS 000S(59)
Secondary Signing
Cascade County
Contract Awarded: March 31, 1978
Contract Amount: $9,918.00

Northern Rockies Const., Contractor
P.O. Box 2101, Great Falls, MT 59401
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Prob. Comp. Date: Sept. 15, 1978

Progress has been none. Contractor anticipates work will begin on project upon completion of PMS 4140(52) project, which is about Sept. 1, 1978. The project as a whole is 0% complete with 56% of contract time elapsed. Construction layout is 100% complete with engineering crew engaged in other projects.

I000B(2) Unit 3
Fertilizing I-15
Cascade, Teton & Pondera Counties
Contract Awarded: March 31, 1978
Contract Amount: $44,212.50
Work Started: April 20, 1978

BECO, Inc.
P.O. Box 1768, Idaho Falls, Idaho
Stan Newton - Mgr. F.P.U.
David Kelly - Civil Eng.
Great Falls - Phone #453-0422
Comp. Date: May 22, 1978

Contract completed work May 22, 1978. Final estimate was submitted to Division Office on June 13, 1978. Will be forwarded to Helena on or about Sept. 1, 1978.

SMP 0799-78
Crushing and Stockpiling
Lewis & Clark, Teton & Cascade Counties
Contract Awarded: May 1, 1978
Contract Amount: $128,232.50

Zook Bros. Const. Co., Contractor
P.O. Box 2025, Great Falls, MT 59403
Stan Newton - Mgr. F.P.U.
Great Falls - Phone #453-0422
Prob. Comp. Date: Sept. 22, 1978

Progress has been none. Contractor plans to begin crushing again the week of August 21, 1978. Items and percent complete are: 1/2" C.T.S. 47%. The project as a whole is 47% complete with 57% of contract time elapsed. Construction layout is 100% complete with a 3 man engineering crew engaged in other assignments.

James T. Sullivan - P.E. -
Supvr. - Div. Const. Section

JTS/CS/kc

STATE OF MONTANA - DEPARTMENT OF HIGHWAYS
HAVRE, MONTANA

August 18, 1978

State of Montana - Department of Highways
Helena, Montana

Gentlemen:

Following please find Division 3230 progress report for the period ending August 18, 1978.

G E N E R A L

The weather has been good with some rain showers this past reporting period. The temperatures ranged from 43° to 90°.

P R E C O N S T R U C T I O N

HHS 58-1 (1) 30, St. Mary - Babb
Fencing Survey
Preliminary Engineering

Unassigned
Havre, Montana
Telephone No. 265-6821

Preliminary engineering work not started.

F 10-2 (1) 79, Big Sandy - North
10.1 miles, Chouteau County
Preliminary Engineering

Unassigned
Havre, Montana
Telephone No. 265-6821

Preliminary engineering work not started.

S 241-1 (01), Turner - Candian Line
11.0 miles, Blaine County
Preliminary Engineering

L. D. Nelson, Engineering Officer I
Havre, Montana
Telephone No. 265-6821

No work on this project. Design as a whole is 25% complete with 24 mandays used to date.

RS 233-1 (01), Havre - North
10.0 miles, Secondary Rte. 233
Location Survey

L. D. Nelson, Engineering Officer I
Havre, Montana
Telephone No. 265-6821

No work on this project during the past reporting period. Design as a whole is 40% complete.

RS 233-1 (2), Havre - North
12.0 miles, Secondary Rte. 233
Location Survey

Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821

No work on this project this period as the engineering crew is working on other projects. Reducing notes and plotting cross sections are 75% complete. The cross sectioning is 93% complete. Centerline, levels, check levels, and utility topography are 100% complete. The general topography is 75% complete and section ties are 15% complete. The location survey as a whole is 70% complete with 194 mandays used to date.

F 44-1 (01), Valier - East
7.2 miles, Pondera County
Location Survey

James A. Dolan, Field Project Manager
Shelby, Montana
Telephone No. 434-2022

There has been no work on the survey this past reporting period. All work was suspended on April 24th due to working on other projects. All items remain as previously reported.

RS 552-1 (01), Sunburst - East
10.0 miles, Toole County
Preliminary Engineering

Hugh Klepzig, Field Project Manager
East Glacier Park, Montana
Telephone No. 226-5811

No work on this project during this reporting period. The survey was suspended on March 7, 1975. The assigned engineering crew is working on other projects.

F 1-3 (3) 210
Two Medicine Bridge - East and West
3.6 miles, Glacier County
Location Survey

Hugh M. Klepzig, Field Project Manager
East Glacier Park, Montana
Telephone No. 226-5811

A two to four man engineering crew worked three days taking stream bed elevations, stream cross-sections and additional topography. One man worked 4 days completing hardshell, profile and form HYD-1. Field work is complete and the survey will be ready to be transported to division office on Monday August 21, 1978.

C O N S T R U C T I O N

HHS 1-3 (1) 223, Browning - East-West Road
0.5 miles, Glacier County
Slope flattening and guard rail
(safety correction)
Contract Let: September 29, 1977
Contract Amount: $128,316.89
Work Started: 4/24/78

Evenson, Inc.
Chouteau, Montana
Hugh Klepzig, Field Project Manager
East Glacier Park, Montana
Telephone No. 226-5811
Contract Time: 45 working days
Probable Completion Date: 9/30/78
Effective Opening Date:

Progress has been slow. The contractor worked ten 8 hour shifts with three men employed finishing slopes, borrow areas and putting on top soil. Guard rail contractor, Western Sign Corporation contemplates starting work on Monday August 21, 1978. The project as a whole is 69% complete with 56% of the contract time elapsed. One man is engaged in construction inspection.

I-IG 15-8 (25) 379
Sunburst - Canadian Line
Sweetgrass - South, Sunburst - South
Gr, agg. surf., pl. mix
bit. base, pl. mix bit. surf.,
structures, safety correction
& pl. mix overlay
19.1 miles - Toole County
Contract Let: 5/27/76
Contract Amount: $4,388,263.28
Work Started: 7/22/76

Hilde Construction Co., Inc. &
Maronick Construction Co., Inc. (J.V.)
East Helena, Montana
Harold D. Kelly, Field Project Manager
Sunburst, Montana
Telephone No. 937-7111
Structures:
Glen E. Brown, Field Project Manager
Shelby, Montana
Telephone No. 434-2491
Contract Time: 215 working days
Completion Date: 10/27/77

Two men worked 14 mandays checking final supporting data which is 25% complete. The final estimate will be submitted to Helena about 10/2/78.

I 15-8 (33) 343
Toole County Line - North
8.314 mi. agg. surf.,
pl. mix bit. surf., & signing
Contract Let: 10/28/76
Contract Amount: $2,176,268.12
Work Started: 5/16/77

Empire Sand & Gravel Construction Co.
Billings, Montana
James A. Dolan, Field Project Manager
Shelby, Montana
Telephone No. 434-2022
Contract Time: 180 working days
Probable Completion Date: 8/21/78
Effective Opening Date:

The progress for the past two weeks has been fair with one day lost due to rain. The contractor employed up to 16 men on one 10 hour shift per day. The contractor completed the installation of the 72" SSPP and placing surfacing on the right frontage road between Station 272+50 and 276+50. The contractor is presently installing type 3 bank protection, mirafi fabric for erosion control and cleanup. The anticipated date of completion is August 21, with the exception of seeding and fencing. Eight men are inspecting and working on project notes. The project as a whole is 99% complete with 104% of the contract time elapsed.

RF FLS 353 (15)
Two Medicine Bridge - East
5.7 miles - Glacier County
Grade, aggr. surf. pl. mix base,
pl. mix surf., fence & sign
Contract Let: 9/30/76
Contract Amount: $2,476,655.06
Work Started: 4/28/77

Hilde Construction, Inc.
Great Falls, Montana
Hugh M. Klepzig, Field Project Manager
East Glacier Park, Montana
Telephone No. 226-5811
Contract Time: 170 working days
Completion Date: 8/4/78
Effective Opening Date: 8/3/78

The project was completed on August 4, 1978 except for the pit area and plant site which will be seeded at a later date. The engineering crew is working on other projects.

RS 432-1 (2) 27
Big Sandy - Rudyard
7.3 miles - Chouteau & Hill Counties
Grade, aggr. surf., pl. mix
base and signing
Contract Let: 5/26/77
Contract Amount: $935,668.76
Work Started: 7/6/77

Wickens Brothers
Lewistown, Montana
Albert M. Ullrich, Field Project Mgr.
Rudyard, Montana
Telephone No. 355-3180
Contract Time: 140 working days
Probable Completion Date: 9/15/78
Effective Opening Date:

Progress has been fair. The subcontractor, Western Sign Corp., worked two 8 hour shifts with 5 men employed,making the signing 100% complete. Another subcontractor, Gus Albert Construction, worked two 10 hour shifts with 21 men employed, placing 573 ton of ½" cover mat'l. gr. 3 to date, making this item 35% complete. All other items are 100% complete except striping. The estimated completion date is 9/15/78. The project as a whole is 94% complete with 85% of the contract time elapsed. A five to six man engineering crew is engaged in checking notes, layout, inspection, and working on other projects.

TQS 464-1 (2) 19 U-2
Browning - Babb (Duck Lake Road)
Grade, gravel, and pl. mix base
Contract not let

Harold D. Kelly, Field Project Manager
Shelby, Montana
Telephone No. 434-2022

A five to nine man crew worked 10 days this reporting period. Relocation of centerline and setting of R/W points and R/W line run lt. and rt. on miles 1, 2, and 3, makes this item 42% complete. Slope stakes have been set in mile 1 making this item 20% complete. Drain culverts staked is 46% complete. Construction layout as a whole is 23% complete. Utility agreements are 100% complete.

F-1-6 (2) 382
U.S. 2 - Havre - East Section
1.9 miles - Hill County
Grade, gravel surf., pl. mix surf.
and storm sewer
Contract Let: 5/26/77
Contract Amount: $1,137,961.65
Work Started: 7/20/77

Baltrusch Construction Inc. & Affiliates
Havre, Montana
Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821
Contract Time: 160 working days
Probable Completion Date: 10/30/78
Effective Opening Date:

Progress has been good. The contractor worked fourteen 8 hour shifts with up to 40 men employed. 2,000 tons of 1½" crushed base was placed on the roadway making this item 66% complete. Lift 1 of 2 grade B plant mix was placed from the beginning of the project, Sta. 554+76, to Sta. 575+50 making plant mix operations 12% complete to date. The subcontractor, Randolph Construction Co., placed 3,100 ln. ft. of curb and gutter from Sta. 575+75 to Sta. 593+75 making this item 65% complete to date. The drainage mainline, drop inlets, and related pipe are 100% complete. The flood gate lt. of Sta. 613+45 is 50% complete. The drainage structures as a whole are 90% complete. The project as a whole is 58% complete with 68% of the contract time elapsed. An eight man engineering crew is assigned to the construction layout and inspection.

SMP 1899-77 Various Roads
Crush and Stockpile
Pondera, Toole and Glacier Counties
Contract Let: 12/15/77
Contract Amount: $111,610.00
Work Started: 3/22/78

Hilde Construction Co., Inc.
Great Falls, Montana
Harold D. Kelly, Field Project Manager
Shelby, Montana
Telephone No. 434-2022
Contract Time: 45 working days
Probable Completion Date: 10/20/78

All crushing and stockpiling of gravel is complete. Work remaining consists of seeding of pit area which will be done this fall.

RRP 4139 (55) State Wide
0.0 miles - various Counties
and guard rail on various
R.R. highway crossings
Contract Let: 5/25/78
Contract Amount: $382,865.10
Work not started

Pacemaker Industries, Inc.
Spokane, Washington
Glen Brown, Field Project Manager
Shelby, Montana
Telephone No. 434-2491
Contract Time: 90 working days
Probable Completion Date: 11/1/78

No work on this project. The post lengths have been determined and the location of the signs have been staked throughout this Division.

PMS 4140 (52) Units 6 & 7
Various Cities in N. Central Montana
(Intersection Pavement Markings)
0.0 miles
Cascade, Glacier, Toole & Hill Counties
Contract Let: 2/23/78
Contract Amount: $130,357.75
Work Started: 6/28/78

Northern Rockies Construction Co.
Great Falls, Montana
Glen E. Brown, Field Project Manager
Shelby, Montana
Telephone No. 434-2491
Contract Time: 90 working days
Probable Completion Date: 8/21/78.

Anticipate finishing Project (Unit 7) portion on 8/21/78 weather permitting. A two man engineering crew is engaged in layout and inspection.

M 5708 (2) Unit 1
5th Avenue and 14th Street - Havre
(Securing & Delivery of Signal Material)
0.0 miles - Hill County
Contract Let: 3/30/78
Contract Amount: $10,737.00

Western Sign Corporation
Great Falls, Montana
Albert Ullrich, Field Project Manager
Rudyard, Montana
Telephone No. 355-3180
Contract Time: August 1, 1978
Probable Completion Date: 9/1/78

Delivery of materials has been delayed due to strikes. To date the 1" and 1½" rigid conduit and wire has been received and is in storage at the Havre Shop.

M 5708 (2) Unit 2
City of Havre
(Install Traffic
Control Devices)
0.0 mile - Hill County
Contract Let: 8/7/78
Contract Amount: $18,046.60
Work Not Started

Western Sign Corporation
Great Falls, Montana
Albert Ullrich, Field Project Manager
Rudyard, Montana
Telephone No. 355-3120
Contract Time: 30 working days
Probable Completion Date: 10/20/78

No word has been received from the contractor as to when he anticipates starting work. Delivery of materials has been delayed due to strikes.

Respectfully submitted,

Hazen D. Flickinger, P.E., Supervisor -
Division Construction Section - Havre

HDF/JL/mh

DIVISION OFFICE
GLENDIVE, MONTANA
August 17, 1978

DEPARTMENT OF HIGHWAYS
Helena, Montana

PROGRESS REPORT
Division 4130

Herewith is the Construction News Letter for the period ending August 15, 1978.

GENERAL

Progress throughout the Division has been slow. Temperatures ranged from plus 45 degrees to plus 95 degrees.

PRECONSTRUCTION

F-20-2(1), SAVAGE-CRANE
Length - 8.0+ Miles
Survey Started - December 11, 1972

G.L. Kuester, Designer II
Design Started - August 4, 1975
Est. Comp. Date - May 31, 1979

Location work is 99% complete with only minor items to be checked in field on section ties and topog. On design six mandays were used plotting template on cross sections, design on drainage pipe, irrigation syphons and computing additional excavation quantities. Design is 16% complete with 110 mandays used to date.

RF-20-2(2), SIDNEY-FAIRVIEW
Length - 11.6+ Miles
Survey Authorized - October 6, 1975
Survey Started - October 22, 1975
Date Survey Resumed - March 9, 1978

Robert A. Passow, Field Project Manager
Glendive, Montana - Phone 365-5296
Comp. Date - June 1, 1979

A three to seven man engineering crew worked 60 mandays this past period. Six mandays were spent taking cross sections from station 355+00 to station 360+00; 20 mandays were spent picking up additional topography ahead to station 295+00; 14 mandays were spent tieing property corners from station 0+12.8 to station 295+00, and 20 mandays were spent getting water level data on irrigation ditches ahead to station 295+00. Flyline established is 95% complete; centerline run is 87% complete; B.M. established is 95% complete; cross sections are 53% complete; topography is 56% complete; bridge situations are 30% complete; plan plotted is 5% complete; and field notes checked, profile plotted and drainage recommendations remain at 0% complete. A total of 848 mandays have been worked on the project making it 70% complete.

F-25-1(1)0, CIRCLE-NORTH
Length - 8.4 Miles
Survey Authorized - March 16, 1977
Survey Started - January 6, 1978

John M. Berres, Eng. Off. I
Glendive, Montana - Phone 365-5296
Est. Comp. Date - September 1, 1979

Ground control for aerial survey was completed March 23, 1978. Mapping has been completed by the Photogrammetric Unit. Map sheets have been returned to the Division Office for placing centerline and cross sections wanted. To date eleven mandays have been used on placing centerline, placing cross section limits and picking cross section stations. Maps will be returned August 2, 1978 for further processing by the Photogrammetric Unit. Two mandays used this past period looking for section corners making a total of six mandays on section ties.

F-42-1(1)0, FLOWING WELLS-NORTH
Length - 19.7 Miles
Survey Authorized - March 16, 1977

G.L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Est. Comp. Date (Design) - Aug. 30, 1980

F-42-1(1)0, FLOWING WELLS-NORTH (continued ...)

No work on this project during the past period. Design will be completed as soon as comments on P.I.H. Report are received. Design remains 68% complete with 9½ mandays used to date.

S-201-2(1)39, PRESSERVILLE-FAIRVIEW
Length - 6.0 Miles
Survey Authorized - December 23, 1969
Survey Started - February 8, 1971
Survey Completed - April 6, 1971

Gerald L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Design Started - July 1, 1971
Est. Design Comp. - Dec. 31, 1979

Design of this project remains 11% complete with 25 mandays used to date.

S-252-1(1), CIRCLE NORTHWEST
Length - 11.145 Miles
Survey Authorized - March 20, 1974
Survey Started - September 17, 1975
Survey Resumed - January 24, 1978

Robert A. Passow, Field Project Manager
Glendive, Montana - Phone 365-5296
Est. Comp. Date - September 29, 1978

A two to three man engineering crew worked 15 mandays searching for and tieing section corners to centerline. Flyline established, centerline run, B.M. established, cross sections, topography, profile plotted are 100% complete. Section ties are 50% complete; plan plotted is 95% complete and bridge situations are 95% complete. A total of 875 mandays have been worked on the project making it 90% complete.

RS-253-2(1)36, BROCKWAY-SOUTH
Length - 9.9 Miles
Survey Authorized - March 20, 1975

Unassigned

Work will begin when personnel are available. A public hearing was held on August 10, 1976.

S-323-1(1)47, ALZADA-EKALAKA
Length - 18.4 Miles Ground Control
Survey Authorized - March 4, 1970

Dennis C. Tenney, Fld. Proj. Mangr.
Glendive, Montana - Phone 365-2877
Est. Comp. Date - October 30, 1978

No work on the project during the past period. Horizontal control is 50% complete and elevations are 100% complete. A total of 265 mandays have been used to date.

CONSTRUCTION

I-IG-94-5(14)181, FALLON-DAWSON COUNTY LINE
I-94-5(17)165, POWDER RIVER RAMPS
I-94-5(18)174, TERRY-FALLON SAFETY
Length - 13.2 Miles
Grade Agg. Surf., Plant Mix Surf.
Signing and Structures
Amount of Contract - $5,750,377.63
Work Started - April 12, 1976
Contract Awarded - March 31, 1976

Joe Mayo & Son Inc.
Box 310, Cavalier, No. Dak. 58220
H.D. Kelly, Fld. Proj. Mgr.-Roadway
C.H. Neiffer, Fld. Proj. Mgr.-Structures
Glendive, Montana - Phone 365-5296
Contract Time - 260 Working Days
Comp. Date - August 7, 1978
Effective Opening Date - July 27, 1978

Progress during the past period was slow. Swan & Son Inc. completed the "CW" Fence on August 7, 1978 with two men employed. The contract was completed August 8, 1978 using 279 working days or 100% of the contract time. Two to three engineers working on final estimate. Final estimate is approximately 98% complete on projects I-94-5(17)165 and I-94-5(18)174 and 78% complete on project I-IG-94-5(14)181.

PROGRESS REPORT CONSTRUCTION

I-94-6(23)202, GLENDIVE-WEST
I-94-6(28)209, GLENDIVE-EAST AND WEST
Length - 14.1 Miles
Grade, Drain, Agg. Surf., Plant Mix Surf.
Signing, Guardrail and Structures
Contract Awarded - July 10, 1975
Amount of Contract - $4,665,317.65
Work Started - August 4, 1975

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dak. 58220
Dennis C. Tenney, Fld. Proj. Mgr.-Rdwy.
Ken Quale, Fld. Proj. Mgr.-Structures
Glendive, Montana - Phone 365-2877
Contract Time - 240 Working Days
Comp. Date - October 31, 1977
Effective Opening Date - October, 1976

Contract was completed on October 31, 1977 using 233 working days or 95% of the contract time. One to two engineers working on final estimate. Final estimate is estimated to be 92% complete.

I-94-6(29)226 UNIT 1
GLENDIVE-WIBAUX CO. LINE WEST (EAST SECTION)
Length - 6.339 Miles
Grade and Structures
Contract Awarded - October 1, 1977
Amount of Contract $1,619,125.62
Work Started - November 22, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dak. 58220
Vic Scheuffele, Field Proj. Mgr.
Ken Quale, Fld. Proj. Mgr.-Structures
Glendive, Montana - Phone 365-5296
Contract Time - 160 Working Days
Completion Date - May 16, 1978
Effective Opening Date - N/A

Contract was completed on May 16, 1978 using 151 working days or 87% of the contract time. One man working part time on final quantities. Final estimate is approximately 82% complete.

I-94-6(30)221 UNIT 1
WIBAUX COUNTY LINE-WEST (MIDDLE SECTION)
Length - 4.7 Miles
Grade, Related Items, and Dual Overpass
Contract Awarded - August 15, 1977
Amount of Contract - $1,418,195.30
Work Started - September 6, 1977

McIntyre Const. & S. Birch, Inc.
Box 2167, Great Falls, MT 59403
Bernard F. Kelly, Fld. Proj. Mgr.-Rdwy.
K.G. Quale, Fld. Proj. Mgr.-Structures
Glendive, Montana - Phone 365-5296
Contract Time - 150 Working Days
Prob. Comp. Date - November 1, 1978
Effective Opening Date - N/A

Progress this past period has been fair. Contractor, McIntyre Const. Co. & S. Birch, Inc. worked eight 9 hour shifts employing three to eight men. Work consisted of installing two pre-cast cattleguards on A3 and A4 Ramps and removing a stock dam which was filled to provide water for the project and finishing the roadway sub-grade on the east and west bound lanes. The Sub-grade finishing was completed on August 14, 1978 and pending approval by Division Construction Supervisor is 100% complete except for around the two structures at station 729+. Sub-contractor, Swan & Son moved back onto the project on Monday, August 14, 1978 to resume fencing operations. Two 8 hour shifts were worked employing four men installing eight single panels and removing 41.8 rods of "CW" Fence. The fencing items are 34% complete. Contractor, McIntyre Const. Co. & S. Birch, Inc. bridge crew worked seven 9 hour shifts employing four men. Work consisted of preboring holes for service pile on all end bents. Driving treated timber service pile, and placed 14.0 cubic yards of Class "AD" concrete for footings on Bent No. 3 (E.B.L.). Bridge items and percentages are as follows: Class "AD" concrete - 6% complete; str. exc. Type 1 - 85% complete; Furnish Tr. Timber Pile - 87% complete; Drive Tr. Timber Pile - 84% complete and reinforcing steel - 1% complete. The bridge portion of this contract is 16% complete. The project as a whole is 70% complete with 113 working days used or 74% of the contract time elapsed. Construction layout with three to eight men employed is estimated to be 70% complete.

I-94-7(13)244, YATES ACCESS ROAD
Length - 2.2 Miles
Grade and Gravel
Contract Awarded - August 7, 1978
Amount of Contract - $130,470.18
Work Not Yet Started

Swan & Son Const., Inc.
Box 111, Rte. 1, Anaconda, MT 59711
Dennis C. Tenney, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 60 Working Days
Prob. Comp. Date - November 15, 1978
Effective Opening Date - N/A

No word has been received from the contractor when work will begin. A five man engineering crew worked two 8 hour shifts running centerline, setting R/W breaks between station 0+05 to station 50+00. Construction layout is 5% complete.

F-27-2(1)44, BAKER-NORTH
Length - 10.3 Miles
Plant Mix Overlay
Contract Awarded - June 27, 1977
Amount of Contract - $617,681.20
Work Started - September 16, 1977

Meyer Construction Company
Box 1417, Billings, Montana 59101
Melvin Kegley, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 90 Working Days
Prob. Comp. Date - Oct. 30, 1978
Effective Opening Date - N/A

Progress this past period has been fair. Contractor worked four 13 hour shifts and one 6 hour shift, employing 20 men. Work consisted of seal and cover operations which was started on August 8, 1978 and was completed on August 11, 1978. The project as a whole is 95% complete with 86 working days used or 96% of the contract time elapsed. A four man engineering crew worked six days on inspection this past period.

RS-323-1(2)47, ALZADA-EKALAKA
Length - 3.2 Miles
Grade, Drain, Agg. Surf., Plant Mix Bitum.
Base, Seal and Cover
Contract Awarded - May 31, 1977
Amount of Contract - $773,245.82

Earth Builders, Inc.
Box 838, Bismarck, No. Dak. 58501
Dennis C. Tenney, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 120 Working Days
Prob. Comp. Date - November 1, 1978
Effective Opening Date - July 28, 1978

No work during the past period. All items on the contract are 100% complete except seeding, fertilizing the gravel pit, which will be completed during the fall seeding season. The project as a whole is 99.5% complete with 95 working days used or 79% of the contract time elapsed. No engineers working on the project this past period. Final estimate is 92% complete.

RS-394(3), WEBSTER WEST
Length - 10.036 Miles
Grade, Aggr. Surf., & Prestressed Con. Girder Bridge
Contract Awarded - November 19, 1976
Amount of Contract - $1,142,475.92
Work Started - April 11, 1977

McIntyre Construction & S. Birch, Inc.
P.O. Box 2167, Great Falls, MT 59403
Melvin Kegley, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 150 Working Days
Prob. Comp. Date - October 30, 1978
Effective Opening Date - June 12, 1978

Project roadway was completed on June 12, 1978 and preliminary acceptance of the project was made on June 27, 1978. Final acceptance is dependent on final pit reclamation. Final estimate is 100% complete and has been checked by the Division Office.

PROGRESS REPORT

CONSTRUCTION

RRP-4139(55), PROTECTIVE MARKINGS
RAILROAD HIGHWAY CROSSINGS
GLENDIVE DIVISION
Contract Awarded - May 31, 1978
Amount of Contract - $382,865.10
Work Started (Glendive Division) - July 17, 1978

Pacemaker Industries Inc.
P.O. Box 11527, Spokane Wash. 99211
Robert A. Passow, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296
Contract Time - 90 Working Days
Prob. Comp. Date - September 29, 1978

No work in the Glendive Division this period as contractor is working in other area of state. Work remaining consists of placing signs.

Respectfully,

Bruce Russell

Bruce Russell, Supervisor -
Division Construction Section

BR:JMB:tap

DEPARTMENT OF HIGHWAYS
Wolf Point, Montana
August 18, 1978

PROGRESS REPORT

Department of Highways
Helena, Montana

Division 4230

Gentlemen:

The following Construction Progress Report is for the period ending August 18, 1978.

GENERAL

Minor amounts of precipitation has been received the past period. Progress on road construction has been good to fair. Progress on off system road projects has been fair. The temperatures ranged from a low of 58 degrees to a high of 99 degrees.

PRECONSTRUCTION

F-TQF 1-9(3)537 Glasgow - West
Approximately 4 Miles in Length
Scheduled for Letting August 24, 1978

George L. Nelson, Project Manager
Dale DeVore, Project Manager
Glasgow, Montana
Telephone: 228-2717

Montana-Dakota Utilities and Mountain Bell have completed adjustments to their facilities on this project. Layout work is in progress to allow Montana Power to reset the luminaires out of the construction area. No other work has been accompolished on engineering layout as the engineering crew has been assinged to other projects. The engineering layout percentages are: Slope staking 20%, Centerline 100%, Bench Levels 100%, Referencing of Points 90%, and R/W line 31% complete. The engineering layout is 18% complete. Currently 4 engineering employees are assinged to this project.

F 22-2(01), Plentywood-South
Formerly F 193(22)
Approximately 10 Miles in Length
Authorized - 05-27-70
Location Survey Started - 12-09-74
Survey Suspended - 04-26-76
Survey Resumes - 11-22-76
Survey Resumes - 01-09-78
Survey Resumes - 05-08-78

James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
Est. Compl. Date - 10-15-78

Division office personnel used eleven man days this past period plotting cross-sections. Percentages complete on the 10.1-mile survey remain as follows: center-line, bench levels, profile, profile plotted, section ties, topography and cross sections 100% complete. The project as a whole is 89% complete with drainage research the only major item remaining. 983 man days used to date. Estimated date of completion is 10-15-78

F 32-1(01)0, Macon-North
Formerly RF 266(11)
Approximately 10 Miles in Length
Authorized - 11-04-76
Location Survey Started - 01-11-77

Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Est. Compl. Date - 12-15-78

Centerline, bench levels and topography are 100% complete; section ties are 75% complete; cross sections are 30% complete. The survey as a whole is 68 % complete with 366 man days used to date.

F 32-2(02), Scobey-South
Formerly RF 266(14)
Approximately 11.4 Miles in Length
Authorized - 01-22-75
Location Survey Started - 01-13-77
Location Survey Suspended - 03-30-77
Location Survey Resumed - 12-05-77
Location Survey Suspended - 02-01-78

George L. Nelson, Fld Proj Mgr
Scobey, Montana
Est. Compl. Date - 12-15-78

No work this past period. Percentages on the survey are as follows: centerline and bench levels 100% complete; topography 60% complete; section ties 40% complete; cross sections 10% complete. The project as a whole is 48% complete with 307 man days used to date. Survey suspended, crew transferred to other projects.

F 62-(01), Missouri River Bridge-
South of Culbertson
Formerly F 273(16)
Approximately 0.2 Mile in Length
Authorized - 05-13-76
Location Survey Started -

James Baldwin, Fld Proj Mgr
Culbertson, Montana
Est. Compl. Date - 11-15-78

No work on bridge site survey this past period. Crew engaged on other projects. Survey suspended until crew is available.

S 438-1(01), Nashua-North
Formerly RS 239(5)
Approximately 8 Miles in Length
Authorized - 10-08-74
Location Survey Started - 01-07-75
Location Survey Completed - 01-14-77

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Design Started - 01-17-77
Est. Compl. Date - 07-31-78

Proposed plans were submitted to Helena August 7, 1978. One man day was used this period. A total of 129 Man days has been used to date on design which is 100% complete.

F 1-8(1)457 & HHS 1-8(2)454
Dodson-Malta & Dodson-East
Plant mix overlay, seal & cover
9.0 Miles in Length
Contract Let - 09-29-77
Contract Awarded - 10-01-77
Proceed Order Date - 10-24-77
Work Started -04-27-78
Bid Price - $537,518.34

Earth Builders, Inc.
Box 838
Bismarck, North Dakota
George L. Nelson, Fld proj Mgr
Malta, Montana
654-1391
Prob. Compl. Date - 08-31-78
Effective Opening Date

Western Sign Corporation, sub-contractor, worked seven variable shifts with six to ten employees on resetting of guard rail and T-I terminal sections making these items 100% complete. Markrite Lines striped the project on 08-03-78, making this item 100% complete. All other project items are 100% complete, with 69% of the contract time elapsed. One to five engineering employees have been engaged on the project, and checking final notes for submission to the Division Office.

F 1-0-(6)611, Poplar-Brockton
14.5 Miles in Length
Plant mix overlay, seal & cover
Contract Let - 07-27-78
Contract Awarded -
Proceed Order Date - 08-28-78
Work Started -
Bid Price - $924,348.70

Gus M. Albert
Miles City, Montana
James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
787-5701
Working Days - 100
Prob, Compl. Date -
Effective Opening Date -

A five man crew worked six days on the construction layout this past period. Centerline has been established for the entire length of the project. A preconstruction conference was held at the Division office in Wolf Point on August 16, 1978, where the contractor advised that he will begin moving on to the project with his crusher on August 17, 1978, and plans to begin stockpiling aggregate on August 21, 1978. The construction layout is 75% complete.

F-FLH 25-2(2)47 & HHS 1-9(7)565
S.E. Section of the Circle-Wolf Point Road & Frazer-West
12.6 Miles in Length
Grading, aggregate surfacing, plant mix bituminous surfacing, signing, lighting traffic signals & a 71.25' prestressed concrete girder bridge
Contract Let - 09-29-77
Contract Awarded - 10-01-77
Proceed Order Date - 10-24-77
Work Started - 10-13-77
Bid Price - $2,107,378.17

Wickens Brothers
Lewistown, Montana
Duane J. Novakovich, Fld Proj Mgr
653-1050
Working Days - 150
Prob. Compl. Date - 12--1-78
Effective Opening Date -

Progress this past period consisted of placing 2,280 ton of 1½"cr base for a total to date of 215,390 tone or 99% complete. 3/4" top surface remains at 12,230 ton or 95% complete. C.S.P. culvert installations are 100% complete, 1,790 ton of plant mix bit. surf. was placed or 5% complete. Curb & gutter & sidewalks are 98% complete. Concrete bridge items are 90% complete, Electrical items are 95% complete. Signing is 60% complete. Project is 83% complete with 59% of the contract

time elapsed. 55 contractor employees worked 10 nine hour shifts. Ten engineering personnel are engaged on the project. Highway striping remains to be done on HHS 1-9(7)565.

F 32-2(1)65, Port of Scobey
0.141 Mile in Length
Grading, plant mix bituminous base, seal & cover
Contract Let - 11-17-77
Contract Awarded - 12-15-77
Proceed Order Date - 04-17-78
Work Started - 05-18-78
Bid Price - $65,360.85

Earth Builders, Inc.
Bismarck, North Dakota
Dale DeVore, Fld Proj Mgr
Glasgow, Montana
228-2717
Working Days - 45
Prob. Compl. Date - 07-21-78
Seeding - 10-30-78
Effective Opening Date -

No work is in progress, the project is complete except for seeding and minor cleanup work. The project will be seeded this fall. A total of 35 calendar days have been used to date or 78% of the contract time. The project is 97% complete. No engineering personnel are assigned to this project.

TQF 32-1(2)0, Macon-North & South
6.2 Miles in Length
Grading, aggregate surfacing, plant mix bituminous base, plant mix bituminous surfacing, fencing & signing
Contract Let - 06-22-78
Contract Awarded -06-23-78
Proceed Order Date - 07-14-78
Work Started -
Bid Price - $1,587,913.95

Hilde Construction Co.
Great Falls, Montana
Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Working Days - 150
Prob. Compl. Date - 06-01-79
Effective Opening Date -

Contractor plans to begin work the week of September 4, 1978. Project is 0% complete with 16% of the contract time elapsed.

F 62-1(2)1, Sidney-Culbertson
6.7 Miles in Length
Grading, plant mix bituminous base, plant mix bituminous surfacing and signing
Contract Let - 07-28-77
Contract Awarded - 8-05-77
Proceed Order Date - 08-26-77
Work Started - 8-11-77
Bid Price - $2,272,925.24

William Clairmont, Inc.
Bismarck, North Dakota
James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
787-5701
Working Days - 180
Prob. Compl. Date - 08-31-78
Effective Opening Date -

Progress good. Completed all clean up on grading on 08-11-78 and all paving operations on 08-07-78. Guard rail and sign crew moved on the project 08-10-78. Three men on grading crew worked nine eight hour shifts this past period and completed final clean up. Twenty-two men on gravel and paving crew worked five eight hour shifts and completed placement of plant mix and aggregate surfacing. Eight men on guard rail and sign crew worked six nine hour shifts and completed all of their work on 08-16-78. All contract items are 100% complete with the exception of striping and several concrete head walls. Travel conditions are good. Project as a whole is 99% complete with 110 days or 60% of contract time elapsed. The construction layout is 100% complete with a nine man engineering and inspection crew engaged on the project.

RF 153(12)U-1, U.S. 2-Dodson
0.3 Mile in Length
Grading, aggregate surfacing, road mix surfacing and structure
Contract Let - 08-12-75
Contract Awarded - 08-28-75
Proceed Order Date - 09-18-75
Work Started - 10-31-75
Bid Price - $396,059.08

Baltrusch Constr., Inc., & Affiliates
Havre, Montana
George L. Nelson, Fld Proj Mgr
Malta, Montana
654-1391
Working Days - 120
Act. Compl. Date - 06-22-78
Effective Opening Date -

All items are 100% complete and final notes were submitted to the Division office, on August 11, 1978.

RS 248-4(2)18, Opheim-Scobey
Formerly S 8(12)
4.4 Miles in Length
Grading, aggregate surfacing, plant mix bituminous base and widening timber bridge
Contract Let - 05-26-77
Contract Awarded - 06-16-77
Proceed Order Date - 07-07-77
Work Started - 06-30-77
Bid Price - $669,459.08

Earth Builders, Inc.
Bismarck, North Dakota
George L. Nelson, Fld Proj Mgr
Scobey, Montana
487-5451
Working Days - 110
Prob. Compl. Date - 10-30-78
Effective Opening Date -

Striping of the project was done on 08-04-78. All items are 100% complete with the exception of seeding and fertilizing. The project as a whole is 99% complete with 91% of the contract time elapsed. No personnel are assigned to the project.

TQS 250-1(2)37, Wolf Point N & E Loop
(North Section)
6.0 Miles in Length
Aggregate surfacing and plant mix bituminous base
Contract Let - 08-11-77
Contract Awarded - 08-15-77
Proceed Order Date - 09-06-77
Work Started - 08-31-77
Bid Price - $392,435.60

Gus M. Albert
Miles City, Montana
Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Working Days - 100
Prob. Compl. Date - 08-31-78
Effective Opening Date

Highway striping is the only item to be completed. Project is 98% complete with 41% of the contract time elapsed.

Vernon D. Borden

Vernon D. Borden, P.E., Supr.
Division Construction Section

VDB:RH:cc

cc: Field Project Managers
Don Williams
Leroy Anderson
File

DEPARTMENT OF HIGHWAYS
Billings, Montana

August 18, 1978

Following is a report on Highway Preconstruction and Construction projects in Area Function 5130 for the period ending August 18, 1978.

GENERAL

Temperatures ranging from +60 to +95 degrees prevailed with .35 inch of rain received during the reporting period. Progress on construction projects was good during the period.

PRECONSTRUCTION

FI-90-9(50)485 7 Mi. West of Hardin
Length 0.1 Miles
Survey Authorized 6-8-78
Work Not Started

Engineer Unassigned
Probable Completion Date 9-29-78

Work on this survey will begin when personnel are available.

F 4 -1(2)26 Bridger - Fromberg
Length 7.6 Miles
Full Survey Authorized 3-16-78
Preliminary Work Started 11-23-77

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 10-31-81

One man worked on this project during the last reporting period, plotting the Mylar hard shell. Design work is 2% complete and the estimated completion date is October 31, 1981.

M 1020(1) 1st Ave. North
Billings-Division St. to 22nd St.
Length 1.1 Miles
Survey Authorized 2-10-75

Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4621
Probable Completion Date 12-29-78

No personnel were assigned to the project this period and the survey remains 52% complete with 315 man days expended.

RS 416-1(1) Billings-South
8.2 Miles
Design Started 2-14-78

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 9-29-78

One man worked on this project during the past reporting period, plotting templates on the cross sections. Design work is 16% complete and the estimated completion date is September 29, 1978.

RS 306-1(1)0 Columbus - North
3.897 Miles Design Work
Design Received 3-30-77
Design Started 9-15-77

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 4-1-82

No work was accomplished on this project during the last reporting period. Design work is 25% complete and the estimated completion date is April 1, 1982.

S 463-1(1)0 Lodge Grass - St. Zavier
6.495 Miles Design Work
Design Received 9-30-74
Design Started 11-4-74

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 5-15-82

No work was accomplished on this project during the past reporting period. Design work is 50% complete and the estimated completion date is May 5, 1982.

DP 384-2(1)41 Sarpy Creek Road (Center Section)
5.047 Miles Design Work
Design Received 9-77
Design Started 2-22-78

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 12-29-78

One man worked on this project during the past reporting period, checking the cross section printout. A field survey crew has been working on the connection to the PTW and surveying the Sarpy Creek drainage location. Design work is 10% complete and the estimated completion date is December 29, 1978.

DP 37-1(1) Crow Agency-Busby West Section
8.7 Miles Design Work
Design Started 7-18-77

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 9-1-78

Two men worked on this project during the past reporting period, reviewing the typical sections and making changes listed on the Final Plan in Hand inspection. The Value Engineering Team has been reviewing the surfacing problems on the project for the last four months and has submitted a preliminary report. Design work is 55% complete and the estimated completion date is September 1, 1978.

DP 37-1(1)8 Crow Agency-Busby Center Section
10.000 Miles Design Work
Design Started 2-28-78

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 3-30-79

No design time has been charged to this project during the past reporting period. White prints have been received from Helena for cross section printout and alignment control. Design work is 1% complete and the estimated completion date is March 30, 1979.

DP 314-1(1) Decker-Wyoming Line
Length 3.8 Miles
Survey Authorized 5-8-78
Work Not Started

Engineer Unassigned
Probable Completion Date 11-15-78

Work on this survey will begin when personnel are available.

BN 103986 N - State Ave.-Billings
R. R. Signal Survey
0.2 Miles
Survey Authorized 2-17-78
Work Started 3-22-78

Gerald Loran, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 10-1-78

No work was done on this project this reporting period.

CONSTRUCTION

I 90-8(80)439 - Mossmain Weigh Station Revision
0.1 Miles, Revise
Approaches and Facilities
Contract Awarded 10-1-77
Amount of Contract - $146,396.55
Proceed Order Date - 10-25-77
Work Started 6-2-78

Empire Sand & Gravel Co., Inc.
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4621
Contract Time: 40 Working Days
Completion Date 8-1-78

All work on the project was completed on August 1, 1978, and the Certificate of Completion of Construction Contract was sent in on August 11, 1978. All items on the project are 100% complete. One man has worked ten days in the office checking final quantities, notes and data for the final estimate. The final estimate should be in the Division office on approximately September 29, 1978.

I 90-8(74)391 Reedpoint - East
6.0 Miles Plant Mix Bitum. Overlay
Stillwater County
Contract Awarded - 3-31-78
Amount of Contract - $396,157.52
Proceed Order Date 4-21-78
Work Started 4-20-78

R. J. Studer & Sons
Billings, Montana
Roddo Bakich, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 90 Working Days
Completion Date 8-4-78

This project was completed August 4, 1978, and accepted August 9, 1978. The project was completed with 65% of the contract time elapsed. One person is assigned to the project checking and compiling final estimate quantities.

IR 90-8(82) 396 Columbus E. & W.
13.1 Miles
Pl. Mix Bit. Seal
Stillwater County
Contract Awarded 5-31-78
Amount of Contract $846,632.70
Proceed Order Date 6-21-78
Work Not Started

Empire Sand & Gravel Co., Inc.
Billings, Montana
Roddo Bakich, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 70 Working Days
Probable Completion Date 10-30-78

The contractor began crushing the plant mix material surf. gr. "B" on August 4, 1978. They are working five 9-hour shifts. Twenty-two percent of the material is crushed with 49% of the contract time used. They plan on beginning paving operations August 16, 1978. A five man engineering crew was running center line with the engineering layout being 80% complete.

IR 90-8(81)460 Pinehill-Pryor Cr.
2.8 Miles
Pl. Mix Bit. Seal
Yellowstone County
Contract Awarded 5-31-78
Amount of Contract $219,960.60
Proceed Order Date 6-21-78
Work Started 7-28-78

Empire Sand & Gravel Co., Inc.
Billings, Montana
Gerald Loran, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 35 Working Days
Probable Completion Date 8-25-78

The contractor worked eleven 11-hour shifts with sixteen men employed. The work consisted of placing plant mix on the eastbound and the leveling course on the westbound. The material is Plant Mix Surfacing Grade B. The project as a whole is 56% complete with 86% of the contract time elapsed. There was a five man crew on the inspection of these operations.

I 94-1(37)50 U2 & I 94-2(20)51
Big Horn River East and West
5.9 Miles-Grading, Agg. Surf., Pl. Mix, Bit Surf.
117.25' Structure
Contract Awarded - 12-15-77
Amount of Contract - $1,848,510.69
Proceed Order Date - 4-17-78
Work Started 2-9-78

Earth Builders, Inc., Bismarck, N.D.
John Miner, F.P.M.-Roadway
Kenneth Hartman, F.P.M.-Structure
Custer, Montana
Phone No. 635-4651
Contract Time: 160 Working Days
Probable Completion Date 12-1-78

Progress has been good this reporting period. Grading and drainage operations have continued between Stations 170 and 244, (I 94-2(20)51). The contractor has completed finishing grading operations between Stations 127 and 150, (I 94-2(20)51). Grading operations are complete on the I 94-1(37)50 U2 portions of this project except for the connection to the P.T.W. Surfacing operations have continued this reporting period. The contractor has placed 18,259 tons of 3" Base Crse Gr.-2A, and 10,327 tons of 1½" Base Crse Gr.-5A between Stations 265+44 and 1+67.2 on the I 94-1(37)50 U2 portion of this project. 8,202 tons of 3" Base Crse Gr.-2A has been placed between Stations 7+38 and 21+00, and between Stations 127+00 and 149+00. 2,092 tons of 1½" Base Crse Gr.-5A has been placed between Stations 7+38 and 21+00 on the I 94-2(20)51 portion of this project. The subcontractor employed four men and worked six 8-hour shifts and five 4-hour shifts on the structure at Station 57+14. Span 3 was moved north of Bent No. 4 making the end span item 50% complete ($11,000.00). Structure layout is 15% complete. Eighteen man days were charged to this project during this reporting period. Percentage complete of various items are as follows: Grading 92%, Drainage 60%, Signing 0%, Surfacing 30%, Fencing 5%, Structure 10%, Project as a whole 68%. Work is normally scheduled for five varying shifts weekly and thirty-seven men are now being employed. Seventy of the allotted 160 working days have now been used, making 44% of the contract time elapsed. Eleven employees are presently assigned to these projects. Construction layout is now 72% complete.

I 94-1(37)50 Unit 1
Structure and Approaches - Big Horn River 0.22 Miles Yellowstone & Treasure Co.
Contract Awarded - 2-28-77
Amount of Contract - $1,007,315.91
Proceed Order Date 4-18-77
Work Started 4-8-77

Sletten Construction Co.
Great Falls, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Phone No. 635-4651
Custer, Montana
Contract Time: 210 Working Days
Probable Completion Date 10-1-78

No work has been done on the project since the last reporting date. Work remaining to be done on the project is the patching of the snap-tie holes at Pier #3. This

I 94-1(37)50 Unit 1 Continued
work cannot be accomplished until the water level of the Big Horn River recedes. All items on the project remain the same as last reported. The project as a whole is 99% complete with 192 working days or 91% of the contract time elapsed. Structure, approach staking, and computations are 87% complete. Ten man days have been charged to the project during this newsletter period.

I 94-2(17)60 U1 & I 94-2(19)56
Hysham East and West
21.6 Miles of Add 2 Lane
Gr., Agg. Surf., PMBB & PMBS
Signing and Structures
Contract Awarded 5-29-75
Amount of Contract - $4,998,829.68
Proceed Order Date 6-26-75
Work Started 7-3-75

Empire Sand & Gravel Company
Wickens Brothers (JV)
Billings, Montana
John T. Miner, Fld. Project Mgr.
Custer, Montana
Phone No. 635-4651
Contract Time: 300 Working Days
Completion Date 12-5-77

The final estimate was submitted to the Division office on April 26th and the final data is now 90% checked. The final data will be submitted to Helena September 1, 1978.

RF 108(16) Billings - North
Billings - Roundup
6.9 Miles - Yellowstone Co.
Gr., Agg. Surf., Pl. Mix Surf.
Drain and Structures
Contract Awarded 8-24-76
Amount of Contract - $2,418,157.90
Proceed Order Date 9-14-76
Work Started 10-19-76

McEachern Construction Co.
Butte, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 160 Working Days
Completion Date 6-23-78

Checking is complete and final data is awaiting transportation to Helena.

M 1018(2) & M 1099(2) U2
Interim Couplet 4th & 6th Ave. N.-Billings
Gr. Agg. Surf., Pl. Mix Surf., Signs and Signals
Contract Awarded 10-20-76
Contract Amount - $128,510.00
Proceed Order Date 4-18-77
Work Started 3-16-77

Midland Electric Co.
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4621
Contract Time: 90 Working Days
Completion Date 6-10-78

The project was completed June 10, 1978, and the Certificate of Completion was issued June 23, 1978. No work has been done on the final due to lack of manpower. The final estimate should be in the Division office by September 15, 1978.

RS TQS 308-1(3)0 Red Lodge-E. (2nd Section)
4.4 Miles
Grade, Drain, Agg. Surf., PMBB & PMBS Overlay
Carbon County
Contract Awarded 5-31-78
Amount of Contract - $1,159,537.03
Proceed Order Date 6-21-78
Work Started 6-19-78

Wickens Brothers
Lewistown, Montana
Michael Zahn, Fld. Project Mgr.
Red Lodge, Montana
Phone No. 446-1805
Contract Time: 150 Working Days
Probable Completion Date 7-15-79

Wickens Brothers worked one 9-hour shift per day with twenty-two men employed. The contractor moved 37,000 Cu. Yds. Unclass. Exc. for a total to date of 256,982 Cu.

RS TQS 308-1(3)0 Red Lodge-E. (2nd Section) Continued
Yds. Grading Items are 47% complete. The contractor installed 134 Rods of F5M Fence. Fencing Items are 41% complete. The contractor installed 124' of 24" RCP, 236' of 36" RCP and 112' of 36" CSP. Drainage Items are 30% complete. Sixty-one man days were used working on notes and inspecting construction. Construction layout is 53% complete. The project is 24% complete with 24% of the contract time elapsed.

TQS 308-1(2)4 Red Lodge - Belfry
3.0 Miles - Grading, Agg. Surf.,
Bit. Base, Signing, in Carbon County
Contract Awarded 4-1-77
Contract Amount - $1,122,589.78
Proceed Order Date 4-29-77
Work Started 5-4-77

Rehbein Contracting, Inc.
Plains, Montana
Michael Zahn, Fld. Project Mgr.
Red Lodge, Montana
Phone No. 446-1805
Contract Time: 150 Working Days
Probable Completion Date 8-8-78

Meyer Construction Co. worked two days with fourteen men employed. They applied seal coat and cover material. Mark Rite Lines worked part of one day striping the project with two men employed. All Items are 100% complete. The project is 100% complete with 94% of the contract time elapsed. The project was completed on August 8, 1978. A five man engineering crew worked four days inspecting construction.

DP TQS 384-2(2)32 So. Section-Sarpy Creek Rd.
8.7 Miles-Pl. Mix Base, Pl. Mix Surf., &
Misc. Work
Treasure County
Contract Awarded 7-27-77
Contract Amount - $877,948.10
Proceed Order Date 7-18-77
Work Started 8-30-77

Hilde Construction Co., Inc.
Great Falls, Montana
Donald Kittelson, Fld. Project Mgr.
Phone No. 665-3995
Hardin, Montana
Contract Time: 100 Working Days
Completion Date 8-7-78

Work in progress this reporting period consisted of brooming the excess chips from the roadway and striping the project. The project was completed on August 7, 1978. The Contractor worked one 12-hour and one 6.5-hour shifts with one man employed this reporting period. The subcontractor, Mark Rite Lines, worked one 8-hour shift with two men employed this reporting period. The Miscellaneous Items are 100% complete. The Grading Items are 100% complete. The Surfacing Items are 100% complete. The project as a whole is 100% complete with ninety-six working days of the 101 allowed having been used, or 95% of the contract time elapsed. One man was assigned to the Striping inspection. One three-man and one four-man survey crew completed running the poppy line for final striping. One man worked in the office on data for the final estimate. Engineering layout is 100% complete.

RS TQS 384-1(2)19 Hardin-Sarpy Creek
11.6 Miles
Grade, Drain, Agg. Surf. and PMBB
Big Horn and Treasure Counties
Contract Awarded - 5-31-78
Amount of Contract - $2,507,018.45
Proceed Order Date - 6-21-78
Work Started 7-18-78

McIntyre Const. Co. & S. Birch, Inc.
Great Falls, Montana
Donald Kittelson, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3995
Contract Time: 200 Working Days
Probable Completion Date 8-1-79

Work in progress this reporting period consisted of grading, drainage and fencing. Grading is being done from Sta. 1591+12 to Sta. 1635+58.4. Topsoil is being

RS TQS 384-1(2)19 Hardin-Sarpy Creek Continued
stripped from Sta. 1551+70 to Sta. 1646+53.5. Culverts are being installed from Sta. 1533+00 to Sta. 1635+27. Fence is being erected from Sta. 1426+95 to Sta. 1629+52.1. The contractor worked ten 9-hour shifts with nineteen men employed this reporting period. The fencing subcontractor, Swan and Sons Construction, worked ten 9-hour shifts with nine men employed this reporting period. The Miscellaneous Items are 1% complete. The Grading Items are 2% complete. The Drainage Items are 9% complete. The Fencing Items are 19% complete. The project as a whole is 2% complete with thirty-seven working days of the 200 allowed having been used, or 19% of the contract time elapsed. One man is assigned to grading inspection. One man is assigned to drainage inspection. One man is working in the office on notes. One four man survey crew worked ten days this reporting period. The fence staking has been completed on the project. The culvert staking has been completed on the project. Topsoil piles are being measured from Sta. 1552+00 to Sta. 1645+14. Engineering layout is 62% complete.

RS 311-2(3)11 Myers Bridge - N.W.
4.9 Miles Grade, Gravel, Drain, Pl. Mix Base and 81.25' Structure - Treasure County
Contract Awarded 6-6-77
Amount of Contract - $818,564.06
Proceed Order Date 6-27-77
Work Started 6-16-77

Wickens Brothers, Contractors
Lewistown, Montana
John Miner, Fld. Project Mgr.
Custer, Montana
Phone No. 635-4651
Contract Time: 120 Working Days
Probable Completion Date 10-20-78

The subcontractor completed the seal and cover work this reporting period. He employed ten men and worked three shifts. The contractor employed three men and worked two 8-hour shifts and one 3-hour shift completing the work for Change Order No. 6, erecting the nose angle and guard rail on Bent No. 2 at Alkali Creek. Seven man days were charged for inspection and final structure quantities. Pavement striping was completed this reporting period. The subcontractor worked one 4-hour shift and employed two men. Percentage complete of various items are as follows: Grading 100%, Drainage 100%, Signing 100%, Fencing 100%, Surfacing 100%, Structure 100%, Project as a whole 99%. This project is complete except for seeding the surfacing pit. No contract time will be charged until the 15th of October. 127 of the allotted 129 working days have now been used, making 98% of the contract time elapsed. Four men have been assigned to this project and construction layout is 99% complete.

HHS 1022(1) 1st Ave. No. & No. 13th St.-Billings
Modify Existing Signals
0.0 Miles
Yellowstone County
Contract Awarded 6-23-78
Amount of Contract $3,296.00
Proceed Order Date 7-14-78
Work Not Started

Midland Electric Co.
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4621
Contract Time: 5 Working Days
Probable Completion Date 9-15-78

A preconstruction meeting was held in the Billings Division office on August 1, 1978. The contractor indicated that he would start work on the project as soon as the materials arrive. The Notice to Contractor to Proceed with Work was issued to the contractor on June 23, 1978. No time has been charged against the project awaiting the arrival of materials. No engineering work has been done on the project to date.

HHS 1004(5) Shiloh Rd. & Grand Ave.
Flasher Installation-Yellowstone County
0.1 Miles
Contract Awarded 3-31-78
Amount of Contract - $10,686.00
Proceed Order Date 4-21-78
Work Started 8-8-78

Midland Electric Co.
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4621
Contract Time: 20 Working Days
Probable Completion Date 9-15-78

The contractor has had two men working 3 - 8-hour shifts and 1 - 6-hour shift installing flasher and traffic control devices. The subcontractor, One Way Sign Company, has completed the signing and plastic striping items on the project with six men working four 8-hour shifts. All items on the project are 100% complete and we are waiting for Montana Power Company to hook up the electricity. Contract time elapsed has been eight working days or 4% with twelve working days remaining. Engineering time charged to the project has been four man days during the past reporting period.

HHS 16-1(1)0 Cerise Rd.-Billings
0.8 Miles
Grade, Agg. Surf. and Drain
Yellowstone County
Contract Awarded 5-31-78
Amount of Contract $182,726.60
Proceed Order Date 6-21-78
Work Started 7-24-78

Barry O'Leary, Inc.
Billings, Montana
Gerald Loran, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 40 Working Days
Probable Completion Date 9-15-78

The contractor worked six 8-hour shifts with six men employed. The work consisted of hauling Fly Ash on a Force Account Work basis to stabilize the subgrade in the extremely wet areas. He also began excavating for the culverts on the east end of the project. The project as a whole is 7% complete with 35% of the contract time elapsed. One man is on the inspection of these operations.

PMS 4140(52) Unit 2, 5, 9, 10 & 12
Pavement Markings at Various Intersections in Billings, Sidney, Glendive, Baker, Circle, Lewistown, Miles City, Lame Deer, Malta, Poplar, Wolf Point, Saco & Culbertson
Contract Awarded 3-31-78
Amount of Contract - $174,420.36
Proceed Order Date 4-21-78
Work Started 5-22-78

Pacemaker Industries, Inc.
Spokane, Washington
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4621
Contract Time: 120 Working Days
Probable Completion Date 8-30-78

The contractor, Pacemaker Industries, Inc., had an average of ten men employed and worked three 8-hour shifts at Wolf Point and two 8-hour shifts at Lewistown completing the work at these two locations. The work at all locations is 100% complete with the exception of Billings, which is approximately 85% complete. Contract time elapsed has been fifty working days or 42% with 74 working days remaining. The project as a whole is approximately 80% complete.

TQF 9010(24) 27th Street-Billings
0.2 Miles
Street Reconstruction & Traffic Control Devices
Yellowstone County
Contract Awarded - 5-31-78
Amount of Contract - $195,926.50
Proceed Order Date 6-21-78
Work Started 7-10-78

COP Construction Co.
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4621
Contract Time: 60 Working Days
Probable Completion Date 9-30-78

The prime contractor, COP Construction Company, had an average of seven men employed and worked ten 8-hour shifts removing old sidewalk and curb and gutter, backfilling basement vaults, jackhammering old light pole bases and pouring approach slabs between the railroad tracks, and pouring 4" and 6" sidewalks. The subcontractor, Quality Concrete Company, has done no work during the past reporting period. Excavation-Unclass Borrow is approximately 18% complete, Excavation-Street is approximately 73% complete, Sidewalk-Concrete 4" is approximately 31% complete, Sidewalk-Concrete 6" is approximately 58% complete, Reinforced Port. Cem. Con. Paving 8" is approximately 77% complete. All other items on the project remain the same as last reported. A two to four man engineering crew has been working on the engineering layout and inspection. Engineering layout is approximately 62% complete. Contract time elapsed has been thirty working days or fifty percent with thirty working days remaining. The project as a whole is approximately 22% complete.

RRP 4139(55) Statewide Railroad Crossing Pavement Markings and Signing
Yellowstone, Big Horn, Treasure, Stillwater and Carbon Counties (Billings Division)
Contract Awarded 5-31-78
Amount of Contract - $382,865.10
Proceed Order Date 6-21-78
Work Not Started

Pacemaker Industries, Inc.
Spokane, Washington
Gerald Loran, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 90 Working Days
Probable Completion Date: Unknown

No engineering personnel were assigned to the above captioned project this past week. Five working days were assessed against the project this past week, for a total of thirty-one (31) to date in this Division.

Respectfully Submitted,

C. W. Klimper, P.E., Supervisor
Division Construction Section

CWK/JBR/er

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
Division Office
Miles City, Montana
August 18, 1978

Department of Highways
Helena, Montana

Progress Report
Division 5230

Following is the Preconstruction and Construction Progress Report for the period ending August 18, 1978, for Division 5230 - Miles City, Montana

GENERAL

Partly cloudy skies, normal temperatures, and occasional showers prevailed during the past period. Temperatures ranged from 48° to 98°. Culvert and grading operations adjacent to P.T.W. from Junction of Mont. 39 to a point .7 miles south. All construction projects are in fair to good travel condition.

PRECONSTRUCTION

F 23-1 (2) 1 - Miles City-South (South Section)
Length - 6.9 Miles
Survey Started: January 3, 1978
Survey Suspended: June 2, 1978

R. E. Swanson, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: Dec. 30, 1978

No work was performed on this project during the period. To date, centerline and levels have been run and section ties made on 6.9 miles or 100% complete. Topography has been taken on 6.6 miles or 95% complete. Cross sections have been taken on 4.4 miles or 64% complete. Plan has been plotted on 6.2 miles or 90% complete. 372 man-days have been used. The survey as a whole is 75% complete.

DP 39-1 (3) 27 - Colstrip to I-94 (Center Section)
Length - 10.9 Miles
Design Started: May 16, 1977

A. D. Anderson, Designer III
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: Oct. 13, 1978

Work in progress during the past period consisted of making plan-in-hand corrections, inking summary and plan sheets, and placing R/W data on cross-sections. 16 man-days were used during the period, making a total of 390 man-days. Design as a whole is 72% complete.

DP 39-1 (3) 38 - Colstrip to I-94
(Armell's Creek - North and South)
Length - 6.4 Miles
Design Started: November 21, 1977

A. D. Anderson, Designer III
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: July 1, 1979

No work was performed on this design project during the past period. Design remains 13% complete with 56 man-days used.

S 447-1 (1) 29 - 8 Miles So. of Rosebud-South (South Section)
Length - 9.0 Miles
Survey Started: January 17, 1973
Survey Suspended: January 28, 1974
Survey Resumed: January 13, 1977
Survey Suspended: March 4, 1977

D. F. Borer, Fld. Proj. Mngr.
Broadus, MT - Tel. No. 436-2264
Prob. Compl. Date: May 20, 1979

No work was performed on this location survey during the past period. To date, centerline has been run on 9.054 miles or 100% complete. Topography has been taken 0.5 mile or 1% complete. The survey as a whole is 30% complete.

RS 544-1 (1) 26 - Boyes-South
Length - Approx. 7.9 Miles
Survey Started: November 17, 1975

D. F. Borer, Fld. Proj. Mngr.
Broadus, MT - Tel. No. 436-2264
Prob. Compl. Date: Dec. 31, 1978

Work in progress during the past period consisted of taking cross-sections on 1.5 miles. To date, centerline and levels have been run and bench marks established on 7.9 miles or 100% complete. Cross-sections have been taken on 3.0 miles or 38% complete. 21 man-days were used, making a total of 174 man-days. The survey as a whole, with a six-man engineering crew engaged, is 39% complete.

DP 566-1 (1) - Tongue River Bridge and Approaches S.W. of Birney
Length - 0.5 Mile
Design Started: June 20, 1978

A. D. Anderson, Designer III
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: Dec. 22, 1978

Work in progress during the past period consisted of working on an alignment change utilizing spiral curves. One man-day was used during the period, making a total of 27 man-days. Design as a whole is 5% complete.

M 8004 (1) - Montana Avenue (Miles City)
Length - 1.1 Miles
Survey Started: January 3, 1978

D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: August 30, 1978

No work was performed on this location survey during the past period. To date, centerline and levels have been run, cross sections and topography taken, section ties made, drainage areas run, field notes checked, plan and profile plotted on 1.14 miles or 100% complete. 136 man-days have been used. The survey as a whole is 98% complete.

M 8008 (1) - Haynes Avenue (Miles City)
Length - 1.0 Mile
Survey Started: March 6, 1978

D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: August 30, 1978

No work was performed on this project during the past period. To date, centerline and levels have been run, cross sections and topography taken, and section ties made on 1.0 mile, or 100% complete. Plan has been plotted on 0.5 mile or 50% complete. Field notes have been checked on 0.5 mile or 50% complete. 101 man-days have been used. The survey as a whole is 80% complete.

CONSTRUCTION

I 94-3 (29) 90 U-2 - Forsyth-East and West
Length - 5.745 Mi. Grade., Gravel Surf.
Pl. Mix Bit. Surf., Fencing, Sign., 254.5'
West Interchange Structure, and 304.5' South
Frontage Road Structure
I 94-3 (31) 83 - Forsyth-West
Length - 15.616 Miles Plant Mix Seal
RRS 384 (8) - U.S. 12-I. Conn.-Forsyth
Length - 0.306 Mile Grad., Gravel Surf.
Pl. Mix Surf., Sign., and 233.0' BN
Overpass Structure
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $4,977,775.22
Work Started: July 20, 1976

Wickens Brothers, Contractor
Lewistown, Montana
R. R. Garland, Fld. Proj. Mngr.
(Roadway)
W. D. Dane, Fld. Proj. Mngr.
(Structure)
Forsyth, MT - Tel. No. 356-2230
Contract Time: 300 Working Days
Prob. Compl. Date: Sept. 1, 1978
Effective Opening Date: Oct. 4, 1977

All items are completed with the exception of shrubs and trees. The establishment period for these items is September 1, 1978. The contract as a whole is 99% complete with 85% of the contract time elapsed. A one-man engineering crew is working on final data.

I 94-3 (27) 114 - Hathaway-East and West
Length - 5.6 Miles Grading, Aggregate
Surfacing, Plant Mix Bit. Surf., and
244.5' Interchange Structure
Contract Let: October 30, 1975
Proceed Order: April 16, 1976
Amount of Contract: $2,053,896.79
Work Started: January 14, 1976

Wickens Brothers, Contractor
Lewistown, Montana
D. F. Borer, Fld. Proj. Mngr.
Broadus, MT - Tel. No. 436-2264
Contract Time: 200 Working Days
Act. Compl. Date: Oct. 22, 1977
Effective Opening Date: July 22, 1977

All items were completed in conformance with Plans, Specifications, and Special Provisions, October 22, 1977. Formal inspection and acceptance were made October 24, 1977. The final estimate was submitted to the Division Office January 10, 1978, and is currently 98% complete.

F-TQF 23-3 (2) 119 - Broadus-Wyoming Line
Length - 20.4 Miles Plant Mix Overlay
Contract Let: April 27, 1978
Proceed Order: May 22, 1978
Amount of Contract: $1,580,737.80
Work Not Started

Hilde Constr. Co., Contractor
Great Falls, Montana
D. F. Borer, Fld. Proj. Mngr.
Broadus, MT - Tel. No. 436-2264
Contract Time: 90 Working Days
Prob. Compl. Date: July 1, 1979
Effective Opening Date:

No work was performed on this project during the period. To date, centerline and offset line have been run on 20.4 miles or 100% complete. Construction layout is 40% complete. 55% of the contract time has elapsed. The survey crew was temporarily assigned to project RS 544-1 (1) 26 June 22, 1978. The contractor has moved crushing equipment on to the project, but has not advised us when he plans to begin work.

F-TQF 39-1 (12) 3 - Lame Deer-Colstrip
(South Section)
Length - 9.7 Miles Reshaping, Pl. Mix Overlay, Reflective Cracking Fabric and Delineation
Contract Let: March 30, 1978
Proceed Order: April 21, 1978
Amount of Contract: $1,048,140.10
Work Started: May 8, 1978

R. J. Studer & Sons Co., Contractor
Billings, Montana
D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 125 Working Days
Prob. Compl. Date: Sept. 30, 1978
Effective Opening Date:

Progress during the past period has been good. 3,016 tons of Grade C plant mix bituminous surfacing were placed making a total of 29,743 tons or 100% complete. The contractor began sealing operations August 15, 1978. Since that date, 4.0 miles have been sealed making a total of 4.0 miles or 41% complete. Sub-Contractor, Western Sign, began hauling guardrail posts to this project on August 16, 1978. The contractor worked three 10-hour shifts with an average of 45 men employed. Sub-Contractor, Western Sign, worked one 8-hour shift with three men employed. The project as a whole is 73% complete with 51% of the contract time elapsed. Construction layout, with a five-man engineering crew engaged, is 90% complete.

F 39-1 (1) 13 - Colstrip-Lame Deer
(North Section)
Length - 7.5 Mi. Pl. Mix Overlay
Contract Let: March 31, 1977
Proceed Order: April 22, 1977
Amount of Contract: $678,362.60
Work Started: May 26, 1977

Baltrusch Constr. Co., Contractor
Havre, Montana
D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 80 Working Days
Act. Compl. Date: Oct. 19, 1977
Effective Opening Date: Sept. 13, 1977

All items were completed in conformance with Plans, Specifications, and Special Provisions, October 19, 1977. Formal inspection and acceptance were made October 27, 1977. The final estimate was submitted to the Division Office January 16, 1978, and is currently 90% complete.

F-TQF-DP 39-1 (5) 44 U-1 - Colstrip to I-94
(North Section)
Length - 7.0 Miles Grade., Agg. Surf., and Plant Mix Surfacing
Contract Let: March 30, 1978
Proceed Order: April 21, 1978
Amount of Contract: $2,397,998.99
Work Started: June 20, 1978

Hilde Constr. Co., Contractor
Great Falls, Montana
R. R. Garland, Fld. Proj. Mngr.
Forsyth, MT - Tel. No. 356-2230
Contract Time: 200 Working Days
Prob. Compl. Date: July 1, 1979
Effective Opening Date:

Progress during the past period has been fair. 90,000 cubic yards of unclassified excavation were moved making a total to date of 100,000 cubic yards or 13% complete. 984 lineal feet of R.C.P. culvert were placed making a total to date of 2,084 lineal feet or 33% complete. 798 rods of fence were installed making a total to date of 2,004 rods or 44% complete. The contractor worked 13- 9 hour shifts with 35 men employed. The project as a whole is 10% complete with 32% of the contract time elapsed. Construction layout, with a 9-man engineering crew engaged, is 71% complete.

F-TQP-DP 39-1 (5) 44 U-2 - Colstrip to I-94
(North Section)
Two 17.5' and one 11.5' Timber & Conc. Stockpasses
Contract Let: May 25, 1978
Proceed Order: June 21, 1978
Amount of Contract: $112,229.05
Work Not Started

Earth Builders, Inc., Contractor
Bismarck, North Dakota
W. D. Dane, Fld. Proj. Mngr.
Forsyth, MT - Tel. No. 356-2230
Contract Time: 60 Working Days
Prob. Compl. Date: Sept. 15, 1978
Effective Opening Date:

Earth Builders, Inc., started work on this project August 10, 1978. Work in progress since that date consisted of removing unclassified excavation at Station 1555+42. The contractor worked two 4-hour and four 8-hour shifts during the past period with an average of three men employed. The project as a whole is 3% complete with 23% of the contract time elapsed. Construction layout with a one-man engineering crew engaged, is 50% complete.

RF 156 (15) - 14 Miles No. of Volborg-North
Length - 5.4 Miles Grading, Gravel Surf. and
Plant Mix Surfacing
RF 156 (17) - 22.3 Miles S.E. of Miles City-N.W.
Length - 13.2 Miles Plant Mix Overlay
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $1,996,750.02
Work Started: July 7, 1976

Earth Builders, Inc., Contractor
Bismarck, North Dakota
D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 180 Working Days
Act. Compl. Date: Oct. 25, 1977
Effective Opening Date: July 19, 1977

All items were completed in conformance with Plans, Specifications, and Special Provisions, October 25, 1977. Formal inspection and acceptance were made November 2, 1977. The final estimated was submitted to the Division Office January 16, 1978, and is currently 91% complete.

RF 157 (28) - Cohagen-South
Length - 5.433 Miles Grading, Agg.
Surf. & Pl. Mix Bit. Surf.
Contract Let: October 28, 1976
Proceed Order: April 18, 1977
Amount of Contract: $1,258,220.14
Work Started: February 24, 1977

Earth Builders, Inc., Contractor
Bismarck, North Dakota
R. E. Swanson, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 160 Working Days
Act. Compl. Date: May 25, 1978
Effective Opening Date: Nov. 9, 1977

All items were completed in conformance with Plans, Specifications, and Special Provisions, May 25, 1978. Formal inspection and acceptance were made May 25, 1978. The final estimate is currently 85% complete.

RS 000S (61) - Signing Secondary Routes
(Powder River County)
Contract Let: July 27, 1978
Proceed Order: Subject to Material Delivery
Amount of Contract: $10,576.80
Work Not Started

One Way Sign Company, Contractor
Billings, Montana
C. D. Murray, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 25 Working Days
Prob. Compl. Date: Oct. 1, 1978
Effective Opening Date: N/A

This project was awarded to One Way Sign Company August 7, 1978. All signs have been staked and sign pole lengths computed. Construction layout is 75% complete. Contractor has not indicated when he will go to work. None of the contract time has elapsed.

SOS 9 (3) - Cemetery Road-Miles City
1.2 Mi. Widening, Reshaping, and
Plant Mix Paving
Contract Let: July 10, 1978
Amount of Contract: $74,496.16
Work Started: August 1, 1978

Portable Pavers, Inc., Contractor
Miles City, Montana
R. E. Swanson, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Stipulated Compl. Date: Sept. 1, 1978
Prob. Compl. Date: Sept. 1, 1978
Effective Opening Date:

Progress during the past period has been good. 3,636 tons of 1½" pit run gravel were placed making a total of 3,981 tons or 100% complete. Plant mix operations began August 15, 1978. Since that date, 12,864 square yards of plant mix bituminous surfacing were placed or 63% complete. The contractor worked eight 8-hour shifts with an average of 12 men employed. The project as a whole is 79% complete with 71% of the contract time elapsed. Construction layout, with a three man engineerng crew engaged, is 90% complete.

SOS 38 (2) - Broadus
Sidewalks, Curb & Gutter
Contract Let: June 9, 1978
Amount of Contract: $27,539.24
Work Started: July 10, 1978

Meidinger Constr., Contractor
Miles City, Montana
D. F. Borer, Fld. Proj. Mngr.
Broadus, MT - Tel. No. 436-2264
Compl. Date: Sept. 1, 1978
Prob. Compl. Date: Sept. 15, 1978
Effective Opening Date: N/A

No work was performed on this project during the period. The contractor has not been able to work on major items due to a severe shortage of Portland Cement. Placement of curb and gutter will commence as soon as Portland Cement is available. Construction layout is 50% complete.

Kenneth G. Rapp, P. E.,
Supr.-Div. Constr. Section

KGR:ADA:DM:rjs

cc: Div. File

STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

AUGUST 18, 1978

State of Montana
Department of Highways
Helena, Mt. 59601

PROGRESS REPORT
DIVISION 5330

Gentlemen:

The following report covers preconstruction and construction in Division 5330 for the period of August 5, 1978 through August 18, 1978.

GENERAL

The temperature varied from 89°F above to 35°F above zero with 0.47 inches of precipitation recorded. Roads are in good travel condition.

PRECONSTRUCTION

RF 14-2 (01) 75 Martinsdale-East & Two Dot-West
Approximate Length: Martinsdale-East 5.7 Miles
Approximate Length: Two Dot-West 7.4 Miles
Survey Started: 1/4/71
Survey Completed:

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

Martinsdale-East: No work was accomplished in the field this reporting period. Section Ties remain 25% complete. Bridge situation survey was submitted to Helena on 9/19/73. Drainage and Irrigation notes, including field recommendations were submitted to Helena on 7/18/73. Tracing Plan and Profile Template on cross-sections are 100% complete. The design as a whole is 20% complete with 68 man-days expended on design to date. The design has temporarily been suspended pending alignment study.

Two Dot-West: A three man crew expended nineteen man-days this reporting period completing checking Field Notes, drawing up section tie traverse notes, checking coordinate sheets and computing section ties, and making up section tie notes. All Field notes and computations of section tie crossings were submitted to the Division Office August 2, 1978. Bridge situation survey was submitted to Helena on 9/19/73. I.B.M. Run No. 2 was received on 9/29/77. The P.I.H. survey was held August 31, 1977. P.I.H. changes remain 50% complete. The design as a whole is 60% complete, pending Hydraulics recommendations.

RS 236-1 (01)49 PN-Lohse Ferry Bridge & Approaches
Secondary Route 236
Approximate Length: Unknown
Survey Authorized: 5/30/75

Martin C. VanMil, P.E.
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

Twenty-one man-days were expended the past reporting period extending cross-sections from Sta. 42+00 to 48+50 along Dog Creek, from 54+00 to 56+00 for an access road, and from 64+00 to 65+50 for an access road. Archeological sub-surface studies were completed in the field by a team from the University of Montana with assistance from the Division Lab. To date 604 man-days have been expended on the location survey.

RS 294-1 (01) Martinsdale to US 12
Approximate Length: 2.188 Miles
Survey Authorized: 8/30/74
Survey Completed:

Martin C. VanMil, P.E.
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was performed on this project the past reporting period as personnel are presently working on construction projects in the Lewistown area.

F 57-2(02)3 Stanford East & West
Approximate Length: 13.3 Miles
Survey Authorized: 9/28/76 & 10/24/77
Survey Suspended: 4/6/77
Survey Resumed: 5/19/77

Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

Twenty man-days were expended this reporting period looking for section corners. Items and percentages of completion are as follows: centerline established Sta. 64+52 to 764+45 or 100% complete; control points established and referenced Sta. 64+52 to 764+45 or 100% complete; traverse for closure run Sta. 64+52 to 764+45 or 98% complete; bench marks established Sta. 64+52 to 764+45 or 100% complete; cross-sections taken Sta. 64+52 to 479+00 or 59% complete; topography taken Sta. 64+52 to 764+45 or 95% complete; plan plotted Sta. 64+52 to 764+45 or 38% complete; profile plotted Sta. 64+52 to 465+71 or 57% complete; drainage areas 10% complete; bridge situations 10% complete; ownerships established 100% complete; section ties 0% complete; cross-section notes checked and reduced 57% complete and cross-sections plotted Sta. 64+52 to 100+00 or 5% complete. The overall survey is 58% complete with 826 man-days expended to date.

F 57-3 (03)122 Winnett-West
Approximate Length: 9.3 Miles
Survey Authorized: 2/15/72
Survey Started: 11/25/74

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was accomplished in the field this reporting period. The Consulting Engineering Company has completed re-establishing the section corners as per agreement. The section tie plans and recordation forms were received on June 6, 1978 from Zuck-Peterson and Co., Consulting Engineers. One man worked four man-days checking the plans, recordation forms and conducting a field review of the established corners. Section ties remain 33% complete. The survey as a whole is about 85% complete with a total of 555 man-days expended to date.

DESIGN: No work this reporting period. Tracing plan and profile linens remain 80% complete. Preliminary grades are 90% complete. The design as a whole is 11% complete with 29 man-days expended to date.

RS 462-2(1)15 Rock Springs-Van Norman
Approximate Length: 14.0 Miles
Survey Authorized: 4/10/73
Survey Started: 9/10/73

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

The completed location and supporting data was submitted to the Division Office 6/19/78. Hydraulics recommendations were received from Helena on 6/29/78. The P.I.H. was held November 14 and 15, 1977. Seven man-days were used making P.I.H. changes for 98% complete. The design as a whole is 79% complete with 239 man-days expended to date.

F 57-4(1)130 Winnett-East & West
Approximate Length: 6.5 Miles
Survey Authorized: 2/5/72
Survey Started: 3/9/72

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

An eight man engineering crew worked ten days the past reporting period. Work consisted of completing running reference line on Right of Way, running bench levels and slope staking from Sta. 3+00 to Sta. 103+00 making this item 27% complete. Fergus Electric Cooperative, Inc. began revision of their utilities on 8/4/78, work is expected to be completed 8/18/78. Mid Rivers Telephone Coop, Inc. began work 8/15/78, plan to complete utility revision by 8/23/78. This project is scheduled for August 24th letting. Construction layout is 25% complete with eight engineering personnel assigned to the project.

RS 000S (57) Musselshell County
Signing Graveled Secondaries
Approximate Length: 17.3 Miles
Survey Authorized: 6/28/77
Survey Started:

Unassigned at this time

Field Survey completed by Division Traffic Engineer and submitted to Helena Traffic Section for review.

M 7106 (3) Spring Street 8th-11th, Lewistown
Approximate Length: 1100.0 Feet
Survey Authorized: 12/6/76

HKM Associates
Consulting Engineers
Billings, Montana

Surveying and Field Work - 100% complete. Planning and Design - 98% complete. Final Plan-In-Hand held July 14, 1978. Consultant is revising plans and another Plan-In-Hand will be held at a later date.

M 7106 (1) 4th Avenue - Lewistown
Approximate Length: 0.4 Miles
Survey Authorized: 9/28/76

HKM Associates
Consulting Engineers
Billings, Montana

Surveying and Field Work - 100% complete. Planning and Design - 98% complete. Final Plan-In-Hand held July 14, 1978. Consultant is revising plans and another Plan-In-Hand will be held at a later date.

M 7103 (1) Airport Road - Lewistown
Approximate Length: 1.4 Miles
Survey Authorized: 12/6/76
Survey Started: 12/12/77
Survey Suspended: 12/16/77
Survey Resumed: 5/9/78

Mitch J. Miller
Designer III
Lewistown, Montana

All location and supporting data was submitted to the Division Design section on June 16, 1978. Plotting and inking cross-sections are 100% complete. Three man-days were used inking plan and profile linens for 95% complete. The design as a whole is 10% complete with three man-days expended to date.

RS 245-1 (1) 6 Miles Northwest-Jordan
Approximate Length: 8.0 Miles
Survey Authorized: 9/28/76
Survey Started: 5/1/78

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was performed on this project this reporting period. All items remain as previously reported. Centerline has been re-established and is 100% complete; locating bench marks is 25% complete, sixty-four percent of the R/W 72 authorization forms have been signed by the respective owners and returned to the Division Office. Twenty-five man-days have been expended to date with the survey as a whole about 5% complete.

RS 297-1 (01)9 Hedgesville-North
Approximate Length: 6.0 Miles
Survey Authorized: 1/31/78
Survey Started:

Martin C. VanMil, P.E.
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was performed this reporting period. Eight man-days have been expended to date establishing land ownerships along the proposed route.

RS 238-1 (01)0 Lewistown-South
Approximate Length: 2.7 Miles
Survey Authorized: 11/2/77
Survey Started: 4/13/78

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

All location and supporting data was submitted to the Division Design Section on May 25, 1978. Summarizing summaries, designing miscellaneous items are 100% complete. Five man-days were used drafting preliminary estimate and special provisions for 98% complete. The design as a whole is 49% complete with 51 man-days expended to date.

RS 294-1 (02)12 Lennep East & West
Approximate Length: 7.0 Miles
Survey Authorized: 5/24/77
Survey Started: 7/5/78

Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

Fifty-three man-days were expended the past reporting period completing centerline and references and establishing bench marks. Items and percentages of completion are as follows: centerline and traverse for closure run Sta. 0+00 to 365+40 or 100% complete; co-ordinates run and checked 100% complete; control points established and referenced Sta. 0+00 to 365+40 or 100% complete; level and check level circut run Sta. 0+00 to 250+00 or 68% complete and ownerships established 100% complete. All other items are 0% complete. The overall survey is 28% complete with 213 man-days expended to date.

F 14-4(2)125 Pipe Failure - Ryegate
120" Diam. Pipe Failure near Ryegate
Approximate Length: None
Survey Authorized: 12/6/77
Survey Started:

Martin C. VanMil, P.E.
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

Eighteen man-days were expended the past reporting period taking roadway cross-sections from Sta. 470+00, extending cross-sections Rt. Sta. 480+00 to 483+00 and plotting contour lines to determine runoff storage capacity above the pipe. Forty-six man-days have been expended to date on the location survey.

CONSTRUCTION

ER 72 (21) Melstone-Mosby
F 57-4 (4)158 Riprap Musselshell River
Flood Damage Repair
Petroleum & Garfield Counties
Contract Awarded: 12/15/77
Contract Amount: $244,414.26
Work Started: 3/16/78
Work Suspended: 3/21/78

Rehbein Contracting, Inc.
Plains, Montana
Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 60 Working Days
Probable Completion Date: 11/1/78
Effective Opening Date: Does Not Apply

Progress the past reporting period has been poor. Construction work has been suspended since 7/17/78, mainly due to high water elevations in the Musselshell River preventing placement of Riprap. Contractor advises they plan to resume work next week. Unclassified excavation, installation of culverts and production of surfacing material is 100% complete. Fertilizing and seeding on Project F 57-4 is 100% complete. The project as a whole is 40% complete with 47% of the contract working days expended. Construction layout is 90% complete with engineering crew presently working on other projects.

F 57-3 (4) 112 Grass Range - East
Length: 8.7 Miles
Contract Let: 6/22/78
Contract Awarded: 6/23/78
Bid Price: $510,846.15

R.J. Studer & Sons
Billings, Montana
Martin C. VanMil, P.E.
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 60 Working Days
Probable Completion Date: 10/20/78
Effective Opening Date:

The preconstruction conference was held in the Division Office on July 18, 1978. To date no work has been accomplished. The contractor anticipates starting work during the week of August 21, 1978. Finishing of the roadway slopes by Maintenance Forces is approximately 75% complete. The project as a whole is 0% complete with 22% of the contract time elapsed. A six man engineering crew is assigned to the project.

ER 72 (23) Lewistown-Southeast
Flood Damage Repair
Fergus County
Contract Awarded: 3/31/78
Contract Amount: $84,282.80

Rehbein Contracting, Inc.
Plains, Montana
Martin C. VanMil, P.E.
Field Project Manager
Telephone: 538-8731
Contract Time: 45 Working Days
Completion Date: 6/23/78
Effective Opening Date: Does Not Apply

The Final Estimate was submitted to the Division Office for checking on August 17, 1978 and will be submitted to the Construction Bureau August 31, 1978.

PMS 4140 (52)U-9 Pavement Markings
Length: N/A
Pavement Markings-Various Intersections Lewistown
Contract Awarded: 5/31/78
Contract Amount: $16,774.00

Pacemaker Industries, Inc.
Spokane, Washington
Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 120 Working Days

Progress this reporting period has been good. The Contractor worked one eight hour shift per day three days with ten men employed. All work was completed on this project as of August 9, 1978. The following items were used as follows: 720 Units Traffic Control Devices, 9 hours Traffic Control Flagging, 86.0 Lin. Ft. remove 4" striping, 2,264 Lin. Ft. 8" Plastic Striping, 1,044 Lin. Ft. 24" Plastic Striping and 356 Sq. Ft. Words and Symbols Plastic. This U-9 portion of the contract is 100% complete with 40% of the contract time elapsed.

RRP 4139(55) Rail Crossing
Pavement Markings-Statewide
Length: N/A
Rail Crossing-Pavement Markings-Statewide
Contract Awarded: 5/31/78
Contract Amount: $382,865.10

Pacemaker Industries, Inc.
Spokane, Washington
Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 90 Working Days

Progress this reporting period has been good. The Contractor worked one 8 hour shift per day three days with nine to eleven men employed, and one 9 to 10 hour shifts three days with eleven men employed. Work consisted of placing 3,639 Sq. Ft. Words and Symbols Plastic making this item 100% complete; 2,138.75 Ln. Ft. 24" Plastic Striping were used making this item 100% complete; 182 Ln. Ft. Pole-TRT TMB Barn 4" were used making this item 87% complete; 1,059.57 Lb. Post-Tubular Steel were used making this item 88% complete; 198.7 Sq. Ft. Signs-SHT Alum Refl. SHT B were used making this item 90% complete; 96 Ln. Ft. remove 4" Striping were removed making this item 100% complete on this portion of the contract; 4 each remove signs were removed making this item 100% complete on this portion of the contract; 11% mobilization Lump Sum were used; 6 hours Traffic Control-Flagging were used making this item 100% complete this portion of the contract; 2,016 Units Traffic Control Devices were used making this item 100% this portion of contract.

RRP 4139(55) Rail Crossing . . Continued

This portion of the contract is 98% complete with eight working days used of the 90 working days for 9% of the contract time used on this portion of contract. Construction Layout is 100% complete with one to three men assigned for Supervision and Inspection.

Respectfully submitted,

R. W. Freeman, P.E., Supervisor
Division Construction Section

RWF/JHP/den

cc: Field Project Managers
Design Section
File

DIRECT PARTICIPATION
FEDERAL HIGHWAY ADMINISTRATION
DECEMBER 9, 1977

MONTHLY PROGRESS REPORT

DIRECT FEDERAL CONSTRUCTION

MONTANA

December 9, 1977

Project	Location	Length	Type Work	Percent Time Used	% Work Completed and Estimated Completion Date	Contractor and Contract Amount
BHC 1(3)	Big Horn Canyon National Recreation Area	9.65	Grading, PMS	115	Completed November 11, 1977	R. J. Studer & Sons ~~$3,464,525.00~~ ~~$3,441,860.00~~ ~~$3,473,520.00~~ $3,554,929.00 Final Amount